

## **G. 2025 Updates by AECOM**

**Chico–Sacramento Intercity Bus**

2025 Update ridership

**RIDERSHIP**

Source: Appendix B (Fare Structure and Pricing Plan Technical Memorandum)

All market and ridership numbers in one-way trips.

2022 Study

2025 Update

**Commuter ridership**

**Commuter market**

		Work location									Daily total
		Butte County			Sutter / Yuba Counties			Sacramento			
		Chico	Oroville	Subtotal	Sutter County	Yuba County	Subtotal	Down-town	Other Sac. County	Subtotal	
Butte County	Chico				10	10	20	70	30	100	120
	Oroville				30	20	50	80	20	100	150
	Subtotal				40	30	70	150	50	200	270
Sutter / Yuba Counties	Sutter County	20	30	50							50
	Yuba County	10	10	20							20
	Subtotal	30	40	70							70
Sacramento County		30	20	50							50
<b>Total</b>		<b>60</b>	<b>60</b>	<b>120</b>	<b>40</b>	<b>30</b>	<b>70</b>	<b>150</b>	<b>50</b>	<b>200</b>	<b>390</b>

Annual total	100,100
Outbound from Butte County homes	70,300
Inbound to Butte County jobs	29,800

		Work location									Daily total
		Butte County			Sutter / Yuba Counties			Sacramento			
		Chico	Oroville	Subtotal	Sutter County	Yuba County	Subtotal	Down-town	Other Sac. County	Subtotal	
Butte County	Chico				10	10	20	70	30	100	120
	Oroville				30	20	50	80	20	100	150
	Subtotal				40	30	70	150	50	200	270
Sutter / Yuba Counties	Sutter County	20	30	50							50
	Yuba County	10	10	20							20
	Subtotal	30	40	70							70
Sacramento County		30	20	50							50
<b>Total</b>		<b>60</b>	<b>60</b>	<b>120</b>	<b>40</b>	<b>30</b>	<b>70</b>	<b>150</b>	<b>50</b>	<b>200</b>	<b>390</b>

Annual total	100,100
Outbound from Butte County homes	70,300
Inbound to Butte County jobs	29,800

**Chico–Sacramento Intercity Bus**

2025 Update ridership

**Adjustment factors**

		Work location						
		Butte County		Sutter / Yuba Counties			Sacramento	
		Chico	Oroville	Subtotal	Down-town	Other Sac. County		
Butte County	Chico			0.20	0.77	0.20		
	Oroville			0.20	0.77	0.20		
Sutter / Yuba Counties								
	Subtotal	0.05	0.05					
Sacramento County		0.05	0.05					

		Work location						
		Butte County		Sutter / Yuba Counties			Sacramento	
		Chico	Oroville	Subtotal	Down-town	Other Sac. County		
Butte County	Chico			0.22	0.22	0.22	0.77	0.20
	Oroville			0.22	0.22	0.22	0.77	0.20
Sutter / Yuba Counties				0.06	0.06			
	Subtotal	0.06	0.06					
Sacramento County		0.05	0.05					

Assume base ridership would be lower due to post-COVID trends (e.g., WFH) but would be offset by the increased service levels  
 Assumed increase in adjustment factor for Sutter / Yuba Counties due to new Plumas Lake stop 10%

**Realized commute ridership (daily one-way trips)**

		Work location							Daily total		
		Butte County		Sutter / Yuba Counties			Sacramento				
		Chico	Oroville	Subtotal	Sutter County	Yuba County	Subtotal	Down-town		Other Sac. County	Subtotal
Butte County	Chico						4	54	4	60	64
	Oroville						10	62	4	66	76
	Subtotal						14	116	10	126	140
Sutter / Yuba Counties	Sutter County										
	Yuba County										
Subtotal		1	2	3							3
Sacramento County		1	1	2							2
<b>Total</b>		2	3	5			14	116	10	126	145

		Work location							Daily total		
		Butte County		Sutter / Yuba Counties			Sacramento				
		Chico	Oroville	Subtotal	Sutter County	Yuba County	Subtotal	Down-town		Other Sac. County	Subtotal
Butte County	Chico				2	2	4	54	6	60	64
	Oroville				7	4	11	62	4	66	77
	Subtotal				9	7	15	116	10	126	141
Sutter / Yuba Counties	Sutter County	1	2	3							
	Yuba County	1	1	1							
Subtotal		2	2	4							4
Sacramento County		2	1	3							3
<b>Total</b>		3	3	6	9	7	15	116	10	126	147

Annual total 37,500

Annual total 36,960  
 Outbound from Butte County homes 35,366  
 Inbound to Butte County jobs 1,594  
 Weekdays per year 251

# Chico–Sacramento Intercity Bus

2025 Update ridership

## Intercity ridership

Zone pair	Total market (daily)	Adjustment factor (based on service schedule)	Realized ridership (daily)
Chico ↔ Sacramento	60	0.85	50
Oroville ↔ Sacramento	75	0.85	65
<b>Total</b>	<b>135</b>		<b>115</b>
	(annual)		(annual)
	49,000		41,700

Zone pair	Total market (daily)	Adjustment factor (based on service schedule)	Realized ridership (daily)
Chico ↔ Sacramento	60	0.85	50
Oroville ↔ Sacramento	75	0.85	65
<b>Total</b>	<b>135</b>		<b>115</b>
	(annual)		(annual)
	49,000		41,700 (raw)

## Sacramento ↔ Stockton ridership

	Daily	Annual
Total market	370	94,800
Realized ridership	220	56,800

This segment not part of proposed service

## Total ridership

		Zone pair				Sac. ↔ Stockton	Total
Chico ↔		Oroville ↔					
Marysville	Sacramento	Marysville	Sacramento				

### Daily ridership: Weekdays

Commute	5	61	12	67		145
Intercity		50		65		115
Sacramento ↔ Stockton					220	220
<b>Total</b>	<b>5</b>	<b>111</b>	<b>12</b>	<b>132</b>	<b>220</b>	<b>480</b>

		Zone pair				Sac. ↔ Stockton	Total
Chico ↔		Oroville ↔					
Marysville / Plumas Lake	Sacramento	Marysville / Plumas Lake	Sacramento				

### Daily ridership: Weekdays

Commute	6	61	13	67		147
Intercity		50		65		115
Sacramento ↔ Stockton						
<b>Total</b>	<b>6</b>	<b>111</b>	<b>13</b>	<b>132</b>		<b>262</b>

### Daily ridership: Saturdays, Sundays, and holidays

Commute						
Intercity		50		65		115
Sacramento ↔ Stockton						
<b>Total</b>		<b>50</b>		<b>65</b>		<b>115</b>

# Chico–Sacramento Intercity Bus

2025 Update ridership

## VMT REDUCTION

Ridership market	Annual ridership	Diverted person-trips		Diverted vehicle-trips	Average trip length (mi)	Annual VMT reduction
		SOVs	HOVs			
Intercity						
Commuter: Outbound from Butte County homes	70,300	49,210	21,090	59,755	65	3,884,075
Commuter: Inbound to Butte County jobs	29,800	20,860	8,940	25,330	65	1,646,450
Special event	3,500	2,450	1,050	2,975	65	193,375
<b>Total</b>	<b>103,600</b>	<b>72,520</b>	<b>31,080</b>	<b>88,060</b>		<b>5,723,900</b>
	<b>Share</b>	70%	30%			
	<b>Average occupancy</b>	1.00	2.00			

**Bus VMT increase** -288,000

**Net VMT reduction** 5,435,900

Thruway Route 3 currently provides service in the intercity market; therefore, intercity demand is not considered a "new" VMT reduction

Ridership market	Annual ridership	Diverted person-trips		Diverted vehicle-trips	Annual VMT reduction
		SOVs	HOVs		
Intercity					
Commuter: Outbound from Butte County homes	35,366	24,756	10,610	30,061	2,238,948
Commuter: Inbound to Butte County jobs	1,594	1,116	478	1,355	73,068
Special event					
<b>Total</b>	<b>36,960</b>	<b>25,872</b>	<b>11,088</b>	<b>31,416</b>	<b>2,312,016</b>
	<b>Share</b>	70%	30%		
	<b>Average occupancy</b>	1.00	2.00		

### Current Route 3 service (Chico–Sacramento portion only)

Route miles (round-trip)	184.5
Roundtrips per day	3
Daily revenue vehicle-miles	553.5
Daily deadhead miles (per vehicle)	7.4
Daily deadhead vehicle-miles	22.2
Daily total vehicle-miles	575.7
Annual total vehicle-miles	210,131

\*Assume same deadhead miles per vehicle as new service

**New service** 749,966

**Bus VMT increase** -539,835

**Net VMT reduction** 1,772,181

Use realized ridership instead of total market demand  
 Use actual trip lengths by OD pair instead of one average trip length  
 Exclude special event demand

### Assumed average trip length (miles)

Home location		Work location					
		Butte County		Sutter / Yuba Counties		Sacramento	
		Chico	Oroville	Sutter County	Yuba County	Down-town	Other Sac. County
Butte County	Chico			46.3	48.6	90.7	90.7
	Oroville			28.3	27.2	69.3	69.3
Sutter / Yuba Counties	Sutter County	46.4	28.3				
	Yuba County	48.7	27.2				
Sacramento County		89.8	68.3				

Use estimated distance from Google Maps driving directions and assume trip is city-center-to-city-center

**Chico–Sacramento Intercity Bus**  
2025 Update ridership

**Annual passenger-miles**

		Work location									Daily total
		Butte County			Sutter / Yuba Counties			Sacramento			
		Chico	Oroville	Subtotal	Sutter County	Yuba County	Subtotal	Down-town	Other Sac. County	Subtotal	
Butte County	Chico			25,567	26,837	52,404	1,227,071	136,594	1,363,665	1,416,069	
	Oroville			46,882	30,040	76,921	1,071,489	69,577	1,141,066	1,217,988	
	Subtotal			72,449	56,877	129,325	2,298,560	206,171	2,504,732	2,634,057	
Home location	Sutter County	12,811	11,720	24,531							
	Yuba County	6,723	3,755	10,478							
	Subtotal	19,534	15,475	35,009						35,009	
Sacramento County		33,810	17,143	50,953						50,953	
<b>Total</b>		<b>53,344</b>	<b>32,619</b>	<b>85,962</b>	<b>72,449</b>	<b>56,877</b>	<b>129,325</b>	<b>2,298,560</b>	<b>206,171</b>	<b>2,504,732</b>	<b>2,720,019</b>

**Chico–Sacramento Intercity Bus**

2025 Update fares

**FARES**

Source: Appendix B (Fare Structure and Pricing Plan Technical Memorandum)

2022 Study

2025 Update

**Fare structure and pricing**

		Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
		Chico	Oroville	Marysville	Sacramento	Stockton
<b>Zone 1</b> Chico	Standard fare		\$3.00	\$5.50	\$10.00	\$16.00
	Distance (mi)		25	50	93	143
	Unit fare (\$/mi)		\$0.10	\$0.11	\$0.11	\$0.11
	Discount fare		\$1.68	\$3.85	\$7.00	\$11.20
	Monthly fare		\$67.20	\$154.00	\$280.00	\$448.00
<b>Zone 2</b> Oroville	Standard fare			\$3.00	\$8.00	\$13.00
	Distance (mi)			25	68	118
	Unit fare (\$/mi)			\$0.12	\$0.12	\$0.11
	Discount fare			\$2.10	\$5.60	\$9.10
	Monthly fare			\$84.00	\$224.00	\$364.00
<b>Zone 3</b> Marysville	Standard fare				\$4.50	\$10.00
	Distance (mi)				43	93
	Unit fare (\$/mi)				\$0.10	\$0.11
	Discount fare				\$3.15	\$7.00
	Monthly fare				\$123.75	\$280.00
<b>Zone 4</b> Sacramento	Standard fare					\$5.50
	Distance (mi)					50
	Unit fare (\$/mi)					\$0.11
	Discount fare					\$3.85
	Monthly fare					\$154.00
<b>Zone 5</b> Stockton	Standard fare					
	Distance (mi)					
	Unit fare (\$/mi)					
	Discount fare					
	Monthly fare					

		Zone 1	Zone 2	Zone 3	Zone 4	Zone 5
		Chico	Oroville	Marysville / Plumas Lake	Sacramento	Stockton
<b>Zone 1</b> Chico	Standard fare		\$3.00	\$6.00	\$11.00	
	Distance (mi)		25	50	93	
	Unit fare (\$/mi)		\$0.12	\$0.12	\$0.12	
	Discount fare		\$2.10	\$4.20	\$7.70	
	Monthly fare		\$84.00	\$168.00	\$308.00	
<b>Zone 2</b> Oroville	Standard fare			\$3.25	\$8.75	
	Distance (mi)			25	68	
	Unit fare (\$/mi)			\$0.13	\$0.13	
	Discount fare			\$2.28	\$6.13	
	Monthly fare			\$91.00	\$245.00	
<b>Zone 3</b> Marysville / Plumas Lake	Standard fare				\$4.50	
	Distance (mi)				43	
	Unit fare (\$/mi)				\$0.10	
	Discount fare				\$3.15	
	Monthly fare				\$135.00	
<b>Zone 4</b> Sacramento	Standard fare					
	Distance (mi)					
	Unit fare (\$/mi)					
	Discount fare					
	Monthly fare					
<b>Zone 5</b> Stockton	Standard fare					
	Distance (mi)					
	Unit fare (\$/mi)					
	Discount fare					
	Monthly fare					

- > Remove Zone 5 to reflect new service proposal truncated at Sacramento
- > Update fare between Zone 1 and Zone 2 to match B-Line's current regional fare
- > Based on new unit fare (\$0.12 per mile), increase other fares proportionally
- > Continue to match Yuba–Sutter Transit for standard and monthly fare between Zone 3 and Zone 4
- > Add Plumas Lake to Zone 3

# Chico–Sacramento Intercity Bus

2025 Update fares

## Farebox revenue

		Zone pair				Sacramento ↔ Stockton	Total
Chico ↔		Oroville ↔					
Marysville	Sacramento	Marysville	Sacramento				

### WEEKDAYS

#### Ridership by fare bucket

Standard (20%)	1	22	2	26	44	96
Discount / monthly (80%)	4	89	10	105	176	384
<b>Total</b>	5	<b>111</b>	12	<b>132</b>	220	<b>480</b>

#### Ticket price

Standard	\$5.50	\$10.00	\$3.00	\$8.00	\$5.50	
Discount / monthly	\$3.85	\$7.00	\$2.10	\$5.60	\$3.85	

#### Daily farebox revenue

Standard	\$6	\$222	\$7	\$211	\$242	\$687
Discount / monthly	\$15	\$621	\$20	\$590	\$678	\$1,924
<b>Total</b>	\$21	<b>\$843</b>	\$27	<b>\$800</b>	\$920	<b>\$2,611</b>

**Average fare \$5.44**

		Zone pair				Sacramento ↔ Stockton	Total
Chico ↔		Oroville ↔					
Marysville / Plumas Lake	Sacramento	Marysville / Plumas Lake	Sacramento				

### WEEKDAYS

#### Ridership by fare bucket

Standard (20%)	1	22	3	26		52
Discount / monthly (80%)	5	89	11	105		210
<b>Total</b>	6	<b>111</b>	13	<b>132</b>		<b>262</b>

#### Ticket price

Standard	\$6.00	\$11.00	\$3.25	\$8.75		
Discount / monthly	\$4.20	\$7.70	\$2.28	\$6.13		

#### Daily farebox revenue

Standard	\$7	\$245	\$9	\$230		\$491
Discount / monthly	\$20	\$686	\$24	\$645		\$1,375
<b>Total</b>	<b>\$28</b>	<b>\$931</b>	<b>\$33</b>	<b>\$875</b>		<b>\$1,867</b>

**Average fare \$7.12**

### SATURDAYS, SUNDAYS, AND HOLIDAYS

#### Ridership by fare bucket

Standard (20%)	10		13			23
Discount / monthly (80%)	40		52			92
<b>Total</b>	<b>50</b>		<b>65</b>			<b>115</b>

#### Ticket price

Standard	\$6.00	\$11.00	\$3.25	\$8.75		
Discount / monthly	\$4.20	\$7.70	\$2.28	\$6.13		

#### Daily farebox revenue

Standard	\$110		\$114			\$224
Discount / monthly	\$308		\$319			\$627
<b>Total</b>	<b>\$418</b>		<b>\$432</b>			<b>\$850</b>

**Average fare \$7.39**

### Annual fare revenues

	Daily	Days / year	Total
Weekdays	\$1,867	251	\$468,526
Saturdays, Sundays, and holidays	\$850	114	\$96,929
<b>Total</b>			<b>\$565,454</b>

# Chico–Sacramento Intercity Bus

2025 Update fares

## Peer agency review

### Yuba–Sutter Transit

#### Sacramento Commuter Express / Midday Express

One-way fare: Standard	\$4.50
One-way fare: Discount (Senior / Disabled / Youth)	\$2.25
Monthly pass: Yuba–Sutter Transit	\$135.00
Monthly pass: Combined Yuba–Sutter Transit / SacRT	\$185.00

#### Local routes

One-way fare: Standard	\$1.50
One-way fare: Discount (Senior / Disabled / Youth)	\$0.75
Daily cap: Standard	\$3.00
Daily cap: Discount (Senior / Disabled / Youth)	\$1.50
Monthly pass: Standard	\$30.00
Monthly pass: Discount (Senior / Disabled / Youth)	\$15.00
Ticket sheets: Twenty (20) 50¢ tickets	\$10.00
Ticket sheets: Twenty (20) 75¢ tickets	\$15.00

B-Line	Local	Regional
One-way fare: Standard	\$1.75	\$2.40
One-way fare: Discount (Senior / Disabled)	\$0.85	\$1.20
One-way fare: Youth	\$1.25	\$1.75
Daily pass	\$5.00	\$5.00
2-ride pass: Standard	\$3.50	\$4.80
2-ride pass: Discount (Senior / Disabled)	\$1.75	\$2.40
2-ride pass: Youth	\$2.50	\$3.50
10-ride pass: Standard	\$15.00	\$21.60
10-ride pass: Discount (Senior / Disabled)	\$7.65	\$10.80
10-ride pass: Youth	\$11.25	\$15.75
30-day pass: Standard	\$43.50	\$57.50
30-day pass: Discount (Senior / Disabled)	\$21.50	\$30.00
30-day pass: Youth	\$31.50	\$40.00

### SolanoExpress

	Intracounty (local)	Intercounty (regional)	Green Express
One-way fare: Standard	\$2.75	\$5.00	\$5.75
One-way fare: Discount (SDM-ADA)	\$1.35	\$2.50	\$2.85
One-way fare: Youth	\$2.00	\$4.00	\$4.75
Daily pass: Standard	\$5.50	\$10.00	\$11.50
Daily pass: Discount (SDM-ADA)	\$2.70	\$5.00	\$5.70
Daily pass: Youth	\$4.00	\$8.00	\$9.50
Monthly pass: Standard	\$70.00	\$114.00	\$130.00
Monthly pass: Discount (SDM-ADA)	\$35.00	\$57.00	\$65.00
Monthly pass: Youth	—	—	—

### Intercounty fare assessment

Route	One-way fare (standard)	Approx. distance (miles)	Per-mile fare
Yellow: Vallejo – Benicia – Walnut Creek	\$5.00	20	\$0.25
Blue: Sacramento Valley Station – Davis – Pleasant Hill BART	\$5.00	72	\$0.07
Red: Suisun City / Fairfield – Vallejo – El Cerrito del Norte BART	\$5.00	36	\$0.14
GreenExpress: Suisun City / Fairfield – El Cerrito del Norte BART	\$5.75	30	\$0.19

### Amtrak Thruway Bus

Origin	Destination	Current fare	Approx. distance (miles)	Per-mile fare
Sacramento Valley Station	Stockton San Joaquin Street	\$13.25	50	\$0.27
Stockton San Joaquin Street	Vallejo	\$8.50	65	\$0.13
San Francisco (Salesforce TC)	Stockton San Joaquin Street	\$14.50	80	\$0.18
Stockton San Joaquin Street	Santa Rosa	\$13.00	110	\$0.12
Chico	Modesto	\$25.00	169	\$0.15
Stockton San Joaquin Street	Los Angeles Union Station	\$52.00	338	\$0.15
Sacramento Valley Station	Los Angeles Union Station	\$59.00	385	\$0.15
Sacramento Valley Station	Santa Barbara	\$65.00	390	\$0.17

One-way fare: Standard	\$4.50
One-way fare: Discount (Senior / Disabled / Youth)	\$2.25
Monthly pass: Yuba–Sutter Transit	\$135.00
Monthly pass: Combined Yuba–Sutter Transit / SacRT	\$185.00

One-way fare: Standard	\$1.50
One-way fare: Discount (Senior / Disabled / Youth)	\$0.75
Daily cap: Standard	\$4.50
Daily cap: Discount (Senior / Disabled / Youth)	\$2.25
Monthly pass: Standard	\$20.00
Monthly pass: Discount (Senior / Disabled / Youth)	\$10.00
Ticket sheets: Twenty (20) 50¢ tickets	\$10.00
Ticket sheets: Twenty (20) 75¢ tickets	\$15.00

	Local	Regional	Esc.
One-way fare: Standard	\$2.00	\$3.00	1.14 1.25
One-way fare: Discount (Senior / Disabled / Youth)	\$1.00	\$1.50	1.18 1.25
Daily pass	\$6.00	\$6.00	1.20 1.20
2-ride pass: Standard	—	—	—
2-ride pass: Discount (Senior / Disabled)	—	—	—
2-ride pass: Youth	—	—	—
10-ride pass: Standard	\$18.00	\$25.25	1.20 1.17
10-ride pass: Discount (Senior / Disabled / Youth)	\$9.00	\$12.50	1.18 1.16
30-day pass: Standard	\$50.00	\$66.50	1.15 1.16
30-day pass: Discount (Senior / Disabled / Youth)	\$25.00	\$33.25	1.16 1.11

	Intracounty (local)	Intercounty (regional)	Green Line
One-way fare: Standard	\$2.75	\$5.00	\$5.00
One-way fare: Discount (SDM-ADA)	\$1.35	\$2.50	\$2.50
One-way fare: Youth	FREE	FREE	FREE
Daily pass: Standard	\$5.50	\$10.00	\$10.00
Daily pass: Discount (SDM-ADA)	\$2.75	\$5.00	\$5.00
Daily pass: Youth	FREE	FREE	FREE
Monthly pass: Standard	\$70.00	\$114.00	\$114.00
Monthly pass: Discount (SDM-ADA)	\$35.00	\$57.00	\$57.00
Monthly pass: Youth	FREE	FREE	FREE

	One-way fare (standard)	Approx. distance (miles)	Per-mile fare
Yellow: Vallejo – Benicia – Walnut Creek	\$5.00	20	\$0.25
Blue: Davis – Pleasant Hill BART	\$5.00	61	\$0.08
Red: Suisun City / Fairfield – Vallejo – El Cerrito del Norte BART	\$5.00	36	\$0.14
Green: Suisun City / Fairfield – El Cerrito del Norte BART	\$5.00	30	\$0.17

Origin	Destination	Current fare	Approx. distance (miles)	Per-mile fare	Esc.
Sacramento Valley Station	Stockton San Joaquin Street				
Stockton San Joaquin Street	Vallejo	\$13.00	65	\$0.20	1.53
San Francisco (Salesforce TC)	Stockton San Joaquin Street	\$17.00	80	\$0.21	1.17
Stockton San Joaquin Street	Santa Rosa	\$15.00	110	\$0.14	1.15
Chico	Modesto	\$27.00	169	\$0.16	1.08
Stockton San Joaquin Street	Los Angeles Union Station	\$54.00	338	\$0.16	1.04
Sacramento Valley Station	Los Angeles Union Station	\$62.00	385	\$0.16	1.05
Sacramento Valley Station	Santa Barbara	\$71.00	390	\$0.18	1.09

# Chico—Sacramento Intercity Bus

2025 Update capital costs

## VEHICLES

Vehicle type	2022 Study			2025 Update		
	Unit cost	Quantity	Total cost	Unit cost	Quantity	Total cost
Over-the-road coach	\$700,000	6	\$4,200,000	\$1,000,000	6	\$6,000,000
Double-deck bus	\$900,000	6	\$5,400,000			

Source:  
APTA Public Transportation Vehicle Database (2024) for 45' diesel fuel bus manufactured 2020 or later and purchased in California

## STOPS, STATIONS, AND PARK & RIDE FACILITIES

Stop location	2022 Study				2025 Update
	Proposed improvements	Environmental review	Approximate parking spaces	Approximate cost	
Chico Amtrak Station	Standard bus shelter, signage, real-time passenger information	Exempt from CEQA	N/A	\$287,500	
Chico Transit Center	Signage, real-time passenger information	N/A (no physical improvements)	N/A	\$250,000	\$319,035
Chico Park & Ride	Signage, real-time passenger information	N/A (project by others, likely CEQA exempt)	50 (assumes approximately 50% of existing supply)	\$250,000	\$319,035
Oroville Park & Ride					
Option A (minimal improvements)	Improved paving, curb and gutter / shelter / passenger information, EV chargers	Exempt from CEQA per PRC 21080(b)(10)*	70 (includes 8 electric vehicle charging spaces)	\$1,125,000	
Option B (major improvements)	Northbound bus-only slip ramp, improved paving / shelter / passenger information, EV chargers			\$1,262,500	
Oroville (Feather River Blvd.)	Signage, real-time passenger information	N/A (no physical improvements)	N/A	\$250,000	\$319,035
Marysville (B St. & 8th St.)	Passenger waiting shelters, signage, real-time passenger information (northbound and southbound)	N/A (no physical improvements)	N/A	\$537,500	\$685,925
South Marysville Park & Ride					
Option A	Repaving and striping, passenger waiting shelter, signage, and real-time passenger information, EV chargers	Requires CEQA initial study	60 (includes 8 electric vehicle charging spaces)	\$1,025,000	\$1,308,043
Option B	Repaving and striping, passenger waiting shelter, signage, and real-time passenger information, EV chargers			\$1,062,500	\$1,355,898
Plumas Lake Park & Ride	Signage, real-time passenger information	N/A (no physical improvements)	N/A	\$250,000	\$319,035
Sacramento (J St. & 4th St.)		Assume no improvements needed: ● Southbound drop-off only (no northbound stop, no boarding) ● Assume use of existing (SacRT or other) stops			
Sacramento (likely Sacramento Valley Station and Midtown Station)		TBD based on coordination with the SACOG Downtown Transit System Integration Study**			
Stockton San Joaquin St. Station		TBD – No capital improvements assumed at this time			
<b>Total cost</b>	<b>minimum</b>			\$3,475,000	\$3,270,108
	<b>maximum</b>			\$3,650,000	\$3,317,963

\* PRC 21080(b)(10) A project for the institution or increase of passenger or commuter services on rail or highway rights-of-way already in use, including modernization of existing stations and parking facilities. For purposes of this paragraph, "highway" shall have the same meaning as defined in Section 360 of the Vehicle Code.

\*\* While some improvements may be needed in Sacramento and Stockton, they are expected to be minimal, and further coordination is needed to determine these improvements.

## COST ESCALATION

Cost escalation factors	2025 dollars	2026 dollars
Stops, stations, and park & ride facilities	1.253	1.276

\*Based on California Construction Cost Index (CCI)

### California Construction Cost Index (CCI) 2021-2025

Month	2025	2024	2023	2022	2021
January	9911	9680	9246	8151	7090
February	9922	9692	9166	8293	7102
March	9994	9660	9118	8736	7130
April	10187	9688	9026	8903	7150
May	10192	9655	9621	9001	7712
June	10195	9651	9508	8925	7746
July	10196	9646	9526	9110	7892
August	10178	9749	9560	8729	8122
September		9751	9592	8604	7900
October		9785	9654	8712	8080
November		9866	9682	8765	8141
December		9876	9654	8823	8072
<b>Annual % *</b>	<b>2.3%</b>	<b>9.4%</b>	<b>9.3%</b>	<b>13.4%</b>	

\*Annual Percentage is calculated from December to December.

Source:  
<https://www.dgs.ca.gov/RES/RES/Resources/Page-Content/Real-Estate-Services-Division-Resources-List-Folder/DGS-California-Construction-Cost-Index-CCI>

# Chico–Sacramento Intercity Bus

2025 Update operating costs

## OPERATING COSTS

Cost per vehicle-mile	
2022 Study	\$3.50
2025 Update	\$5.26

Total revenue vehicle-miles and costs						
	Roundtrips	Days per year	Vehicle-miles		Operating costs	
			Daily	Annual	Daily	Annual
Weekdays	9	250	2,000	500,000	\$7,000	\$1,750,000
Saturdays, Sundays, holidays	8	110	1,800	198,000	\$6,300	\$693,000
<b>Total</b>				<b>698,000</b>		<b>\$2,443,000</b>

	Roundtrips	Days per year	Vehicle-miles		Operating costs	
			Daily	Annual	Daily	Annual
Weekdays	11	251	2,054.7	515,730	\$10,808	\$2,712,762
Saturdays, Sundays, holidays	11	114	2,054.7	234,236	\$10,808	\$1,232,091
<b>Total</b>				<b>749,966</b>		<b>\$3,944,854</b>

\* Assume daily operation (365 days per year)

Holidays per year	10
Refer to <i>Capital Corridor</i> list of holidays for 2025: <a href="https://www.capitolcorridor.org/schedules/">https://www.capitolcorridor.org/schedules/</a>	

(escalated to 2027 dollars)	
Daily	Annual
\$11,405	\$2,862,576
\$11,405	\$1,300,134
	<b>\$4,162,711</b>

Note: Quoted cost in 2022 Study is "\$2.4 million annually"

Route miles per direction	
Southbound	91.9
Northbound	92.2
<b>Total</b>	<b>184.1</b>

Deadhead miles	per vehicle	veh. per day	total per day
Pull-out	3.7	4	14.8
Pull-in	3.7	4	14.8
<b>Total</b>	<b>7.4</b>		<b>29.6</b>

## COMPARABLES

2022 Study		Total operating costs	Vehicle-miles		Cost per vehicle-mile		2025 Update				Escalation		
Operator	Route		Total	Revenue	Total	Revenue	Total operating costs	Vehicle-miles		Cost per vehicle-mile			
El Dorado County Transit Authority	Placerville – Sacramento	\$1,771,847	424,723	279,322	\$4.17	\$6.34	\$825,518		99,381	\$8.31		1.309	
Placer County Commuter	Roseville – Sacramento	\$699,676	203,710	101,682	\$3.43	\$6.88	\$540,406	98,934	48,452	\$5.46	\$11.15	1.590	1.621
Solano County Transit	Vallejo – El Cerrito / Walnut Creek	\$5,911,147	922,829	876,688	\$6.41	\$6.74	\$10,041,002	1,421,442	1,349,202	\$7.06	\$7.44	1.103	1.104
Western Contra Costa Transit Authority	Hercules / Pinole – San Francisco	\$2,177,418	529,813	506,934	\$4.11	\$4.30	\$2,374,822	407,359	385,820	\$5.83	\$6.16	1.419	1.433
Yuba–Sutter Transit Authority	Yuba / Marysville – Sacramento	\$1,094,067	489,524	319,044	\$2.23	\$3.43	\$1,329,474		266,963	\$4.98		1.452	
<b>Average</b>													
All					\$4.07	\$5.54				\$6.12	\$7.61	1.503	1.374
Sacramento area					\$3.28	\$5.55				\$5.46	\$8.15	1.665	1.468

Source: *National Transit Database, 2019, Commuter Bus, Selected Operators*

Source: *National Transit Database, 2023, Commuter Bus, Selected Operators*

		Total operating costs	Vehicle-miles		Cost per vehicle-mile		Additional operators				Escalation		
Operator	Route		Total	Revenue	Total	Revenue	Total operating costs	Vehicle-miles		Cost per vehicle-mile			
San Joaquin Regional Transit District		\$2,080,515	683,012	492,739	\$3.05	\$4.22	\$2,287,896	308,730	256,040	\$7.41	\$8.94	2.433	2.116
Stanislaus Regional Transit Authority (StanRTA)							\$1,766,887	324,700	288,519	\$5.44	\$6.12		
City of Fairfield		\$5,059,464	1,223,067	1,161,788	\$4.14	\$4.35	\$590,270	66,300	58,495	\$8.90	\$10.09	2.152	2.317
Antelope Valley Transit Authority		\$4,142,476	1,361,884	975,516	\$3.04	\$4.25	\$4,145,642	993,215	716,602	\$4.17	\$5.79	1.372	1.362
Victor Valley Transit Authority		\$788,860	353,639	259,392	\$2.23	\$3.04	\$1,018,385	270,783	224,453	\$3.76	\$4.54	1.686	1.492
<b>Average</b>													
All					\$3.65	\$4.84				\$6.01	\$7.35	1.647	1.519

## AMTRAK SUBSIDY

	2022 Study	2025 Update	(escalated to 2027 dollars)
Annual subsidy from SJJPA	\$1,500,000	\$958,508	\$1,090,844
Route miles	142.8	91.3	
Southbound: CIC → SAC	91.1	91.1	
Southbound: SAC → SKN	51.3		
Northbound: SKN → SAC	51.8		
Northbound: SAC → CIC	91.4	91.4	

Prorate using route-miles from 2022 Study for consistency

# Chico–Sacramento Intercity Bus

2025 Update operating costs

## COST ESCALATION

### Cost escalation factor

2022 → 2027	1.138
2025 → 2027	1.055

### Annual escalation

2021 → 2022	8.75%
2022 → 2023	3.49%
2023 → 2024	2.84%
2024 → 2025	2.68%

### Consumer Price Index (CPI)

Series Title: All items in West urban, all urban consumers, not seasonally adjusted

Series ID: CUUR0400SA0

Year and month	CPI
2021 Jan	277.238
2021 Feb	278.702
2021 Mar	280.625
2021 Apr	283.507
2021 May	285.793
2021 Jun	288.263
2021 Jul	289.863
2021 Aug	290.393
2021 Sep	291.053
2021 Oct	293.397
2021 Nov	294.986
2021 Dec	296.102
2022 Jan	298.705
2022 Feb	301.158
2022 Mar	305.082
2022 Apr	307.145
2022 May	309.645
2022 Jun	313.496
2022 Jul	313.951
2022 Aug	314.013
2022 Sep	315.094
2022 Oct	317.299
2022 Nov	315.919
2022 Dec	314.599
2023 Jan	317.477
2023 Feb	319.130
2023 Mar	320.715
2023 Apr	322.187
2023 May	323.525
2023 Jun	324.448
2023 Jul	324.865
2023 Aug	326.234
2023 Sep	327.491
2023 Oct	327.708
2023 Nov	326.299
2023 Dec	325.932
2024 Jan	328.053
2024 Feb	329.339
2024 Mar	332.202
2024 Apr	334.050
2024 May	334.292
2024 Jun	333.662
2024 Jul	333.174
2024 Aug	333.442
2024 Sep	334.265
2024 Oct	334.558
2024 Nov	334.218
2024 Dec	334.084
2025 Jan	335.989
2025 Feb	337.868
2025 Mar	339.627
2025 Apr	341.159
2025 May	342.343
2025 Jun	342.613
2025 Jul	343.234

Source:

<https://data.bls.gov/dataViewer/view/timeseries/CUUR0400SA0>