

APPENDIX A

Saturday and Sunday Ridership Data

APPENDIX A SATURDAY & SUNDAY RIDERSHIP DATA

On Saturday, September 21st, Butte County experienced an uncharacteristic spate of bad weather; very heavy rains fell throughout the day. Nevertheless, in order to maximize the use of trained surveyors and to ensure that data were collected on all day types, including weekday, Saturday, and Sunday, boardings and alighting counts were nevertheless collected on Saturday.

Drivers and surveyors alike reported atypical ridership behavior. On a few intercity routes in particular, drivers noted that ridership on that Saturday was as low as they had ever seen it. Surveyors reported that on several local routes, some passengers would stay aboard the buses over the course of several consecutive runs because it was a warm and dry place.

Figure A-1 below shows a comparison of the total boardings on the 2013 rainy Saturday compared with average ridership on Saturdays in 2012. Overall, ridership on September 21st was three-quarters of ‘normal’ Saturday ridership.

Figure A-1 Saturday Ridership Comparison

Route	2012 Avg Saturday Ridership	2013 Rainy Saturday Ridership	% of 2012 Ridership
2	147.2	125	85%
3	106	231	218%
4	261.8	117	45%
5	137.8	85	62%
9	109.6	128	117%
15	582.2	443	76%
16	145	48	33%
20	253	144	57%
30	58.8	47*	80%
40	165	135	81%
Total	1,974.6	1,503	76%

* Data only provided for Outbound service.

Sources: BCAG & Nelson\Nygaard

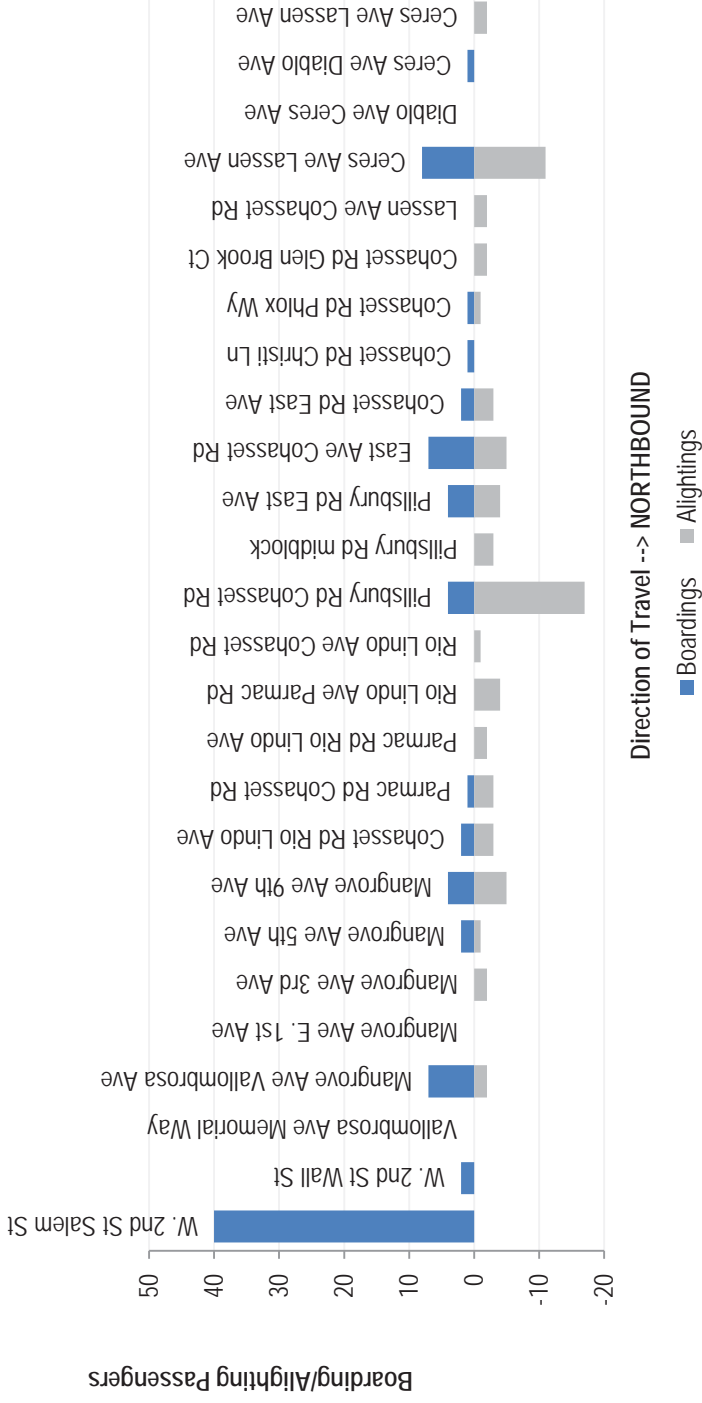
The following graphs depict boarding and alighting activity by stop and boarding activity by trip run on the surveyed Saturday and Sunday. While these data are useful to review to gain a better understanding of where and when boarding/alighting activity occurs on the B-Line system over the weekend, Nelson\Nygaard’s planning assumptions will be based on weekday boardings and alightings by stop.

SATURDAY ROUTE PROFILES

Local (Urban) Routes

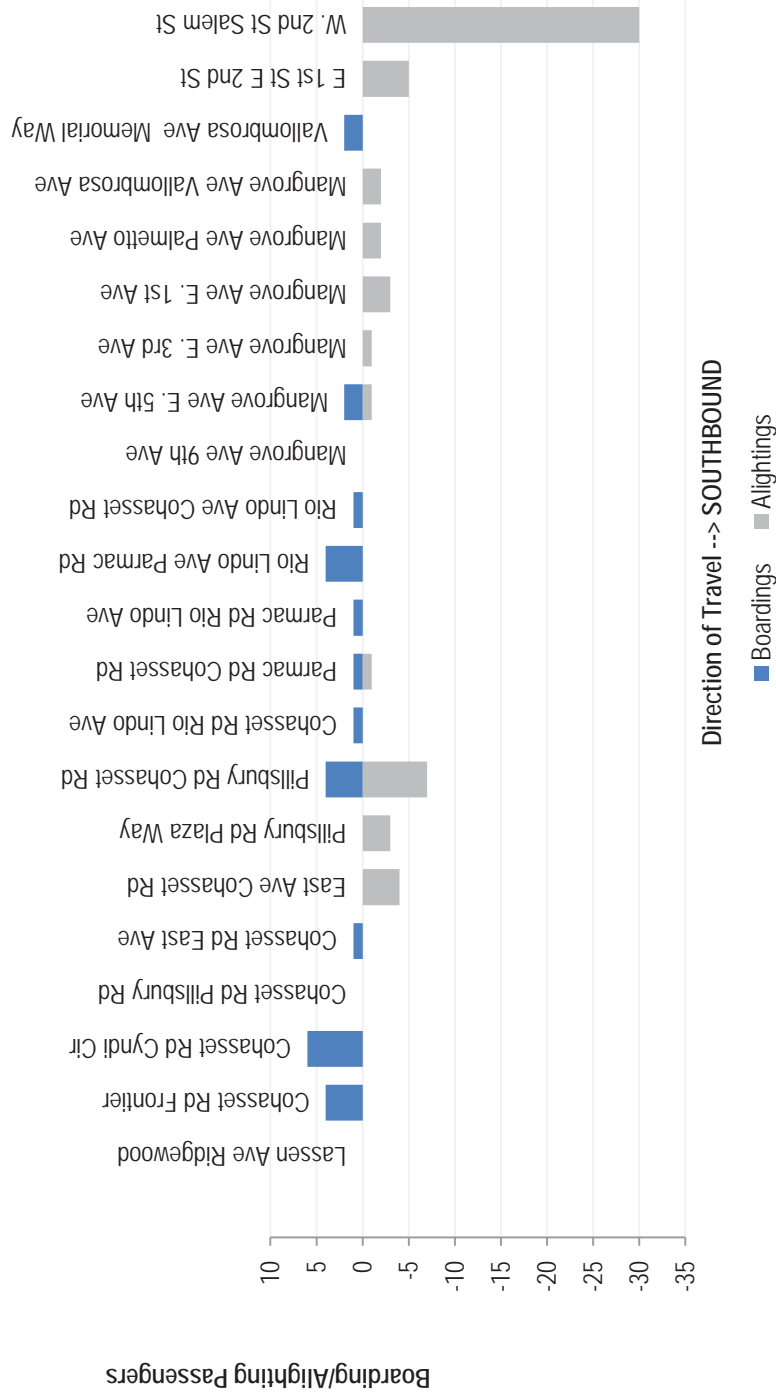
Route 2 Mangrove

Figure A-2 Route 2 Saturday Boardings & Alightings By Stop - Northbound



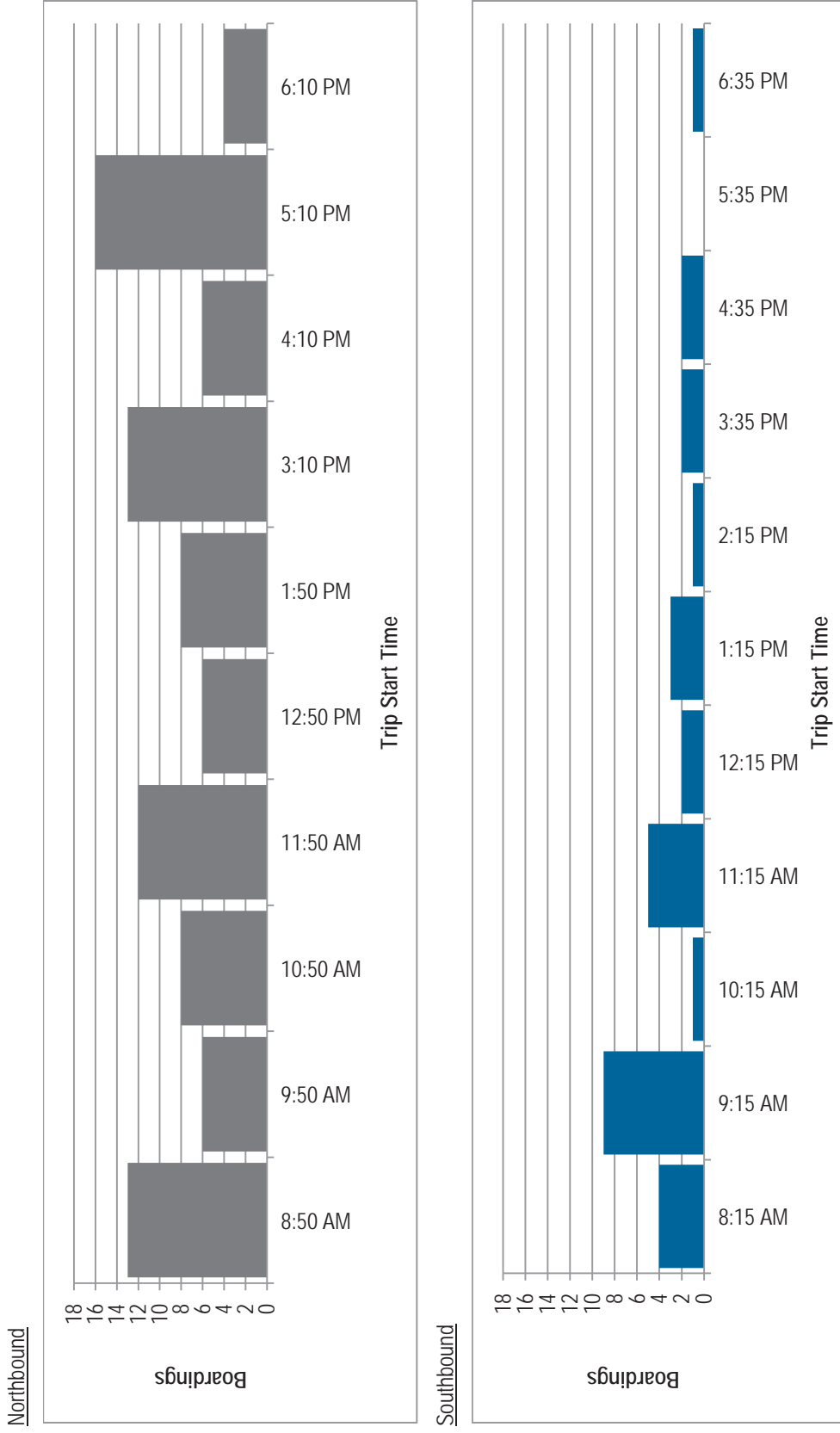
Note: a total of 11 passengers joined Route 2 northbound from through-routed buses at Chico Transit Center.

Figure A-3 Route 2 Saturday Boardings & Alightings By Stop - Southbound



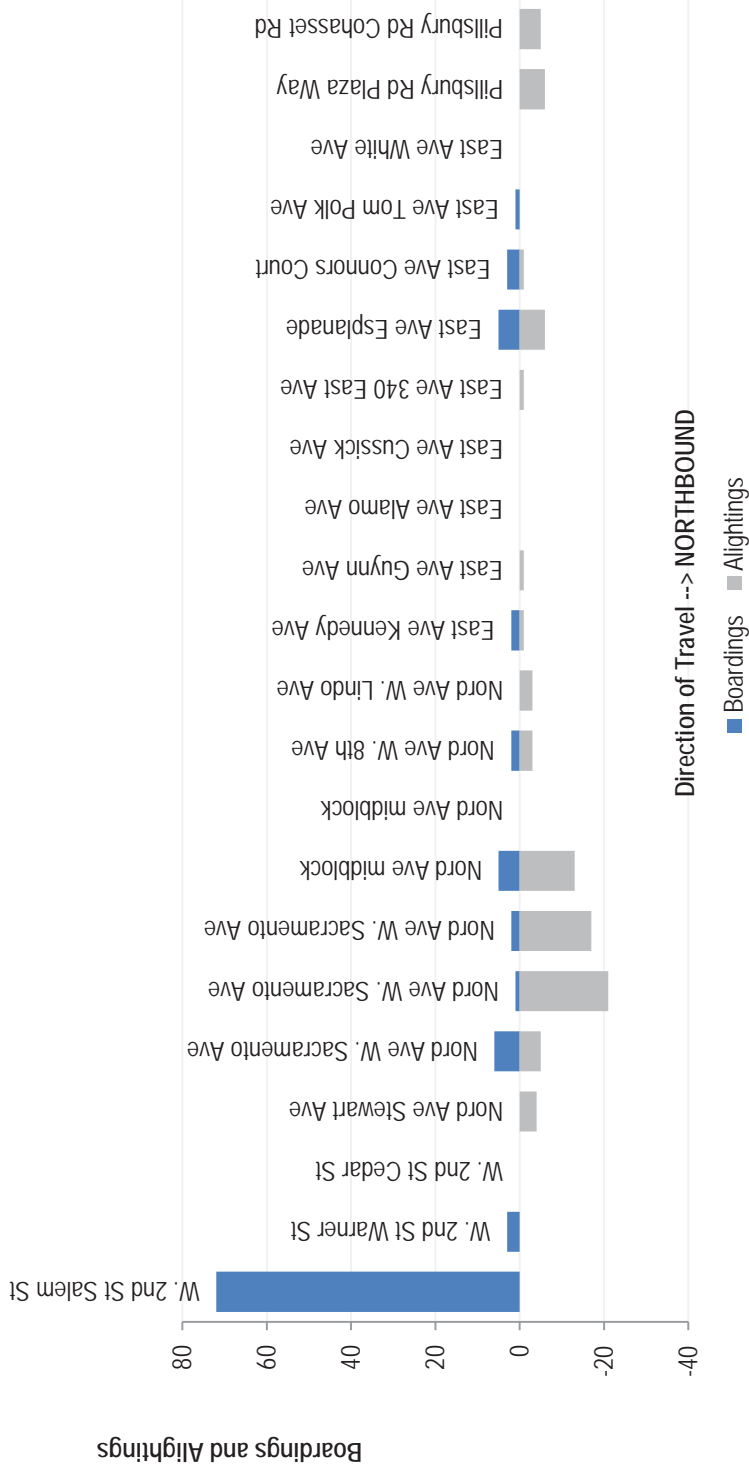
Note: a total of 30 passengers joined Route 2 southbound from through-routed northbound Route 2 buses at Ceres & Lassen.

Figure A-4 Route 2 Saturday Boardings by Trip – Northbound & Southbound



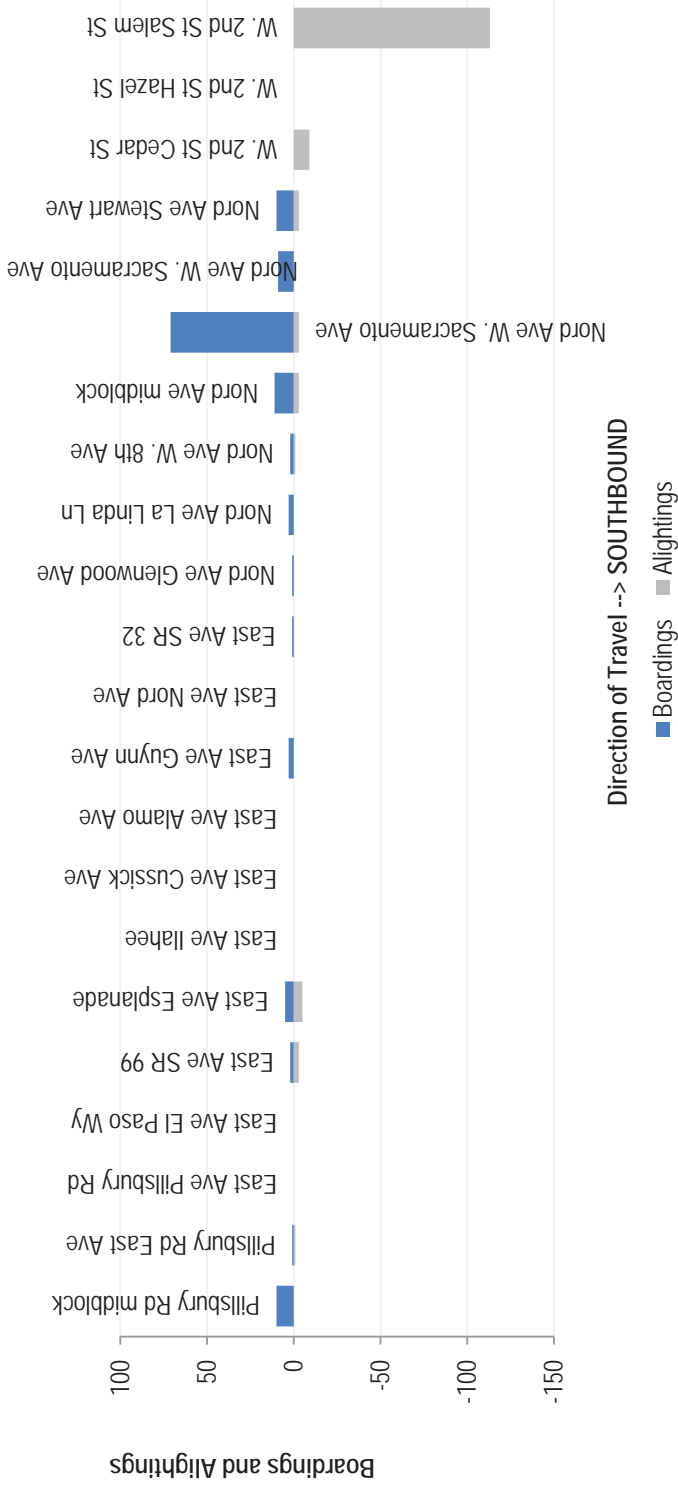
Route 3 Nord/East

Figure A-5 Route 3 Saturday Boardings & Alightings By Stop - Northbound



Note: one passenger joined Route 3 northbound from Route 4 buses at the Chico Transit Center.

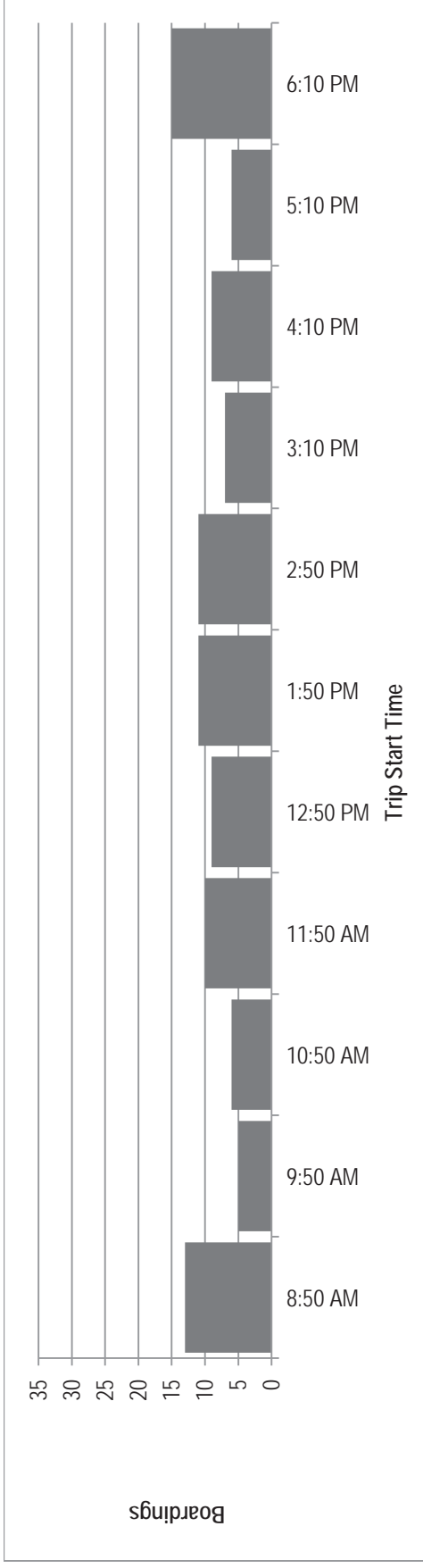
Figure A-6 Route 3 Saturday Boardings & Alightings By Stop - Southbound



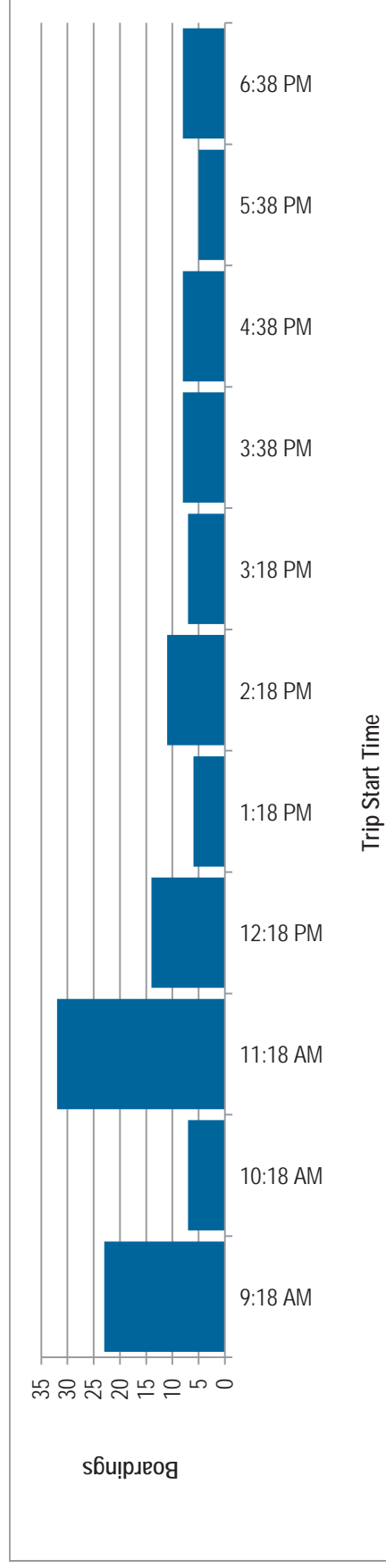
Note: a total of 16 passengers joined Route 3 southbound from through-routed Route 4 buses at North Valley Plaza.

Figure A-7 Route 3 Saturday Boardings by Trip – Northbound & Southbound

Northbound

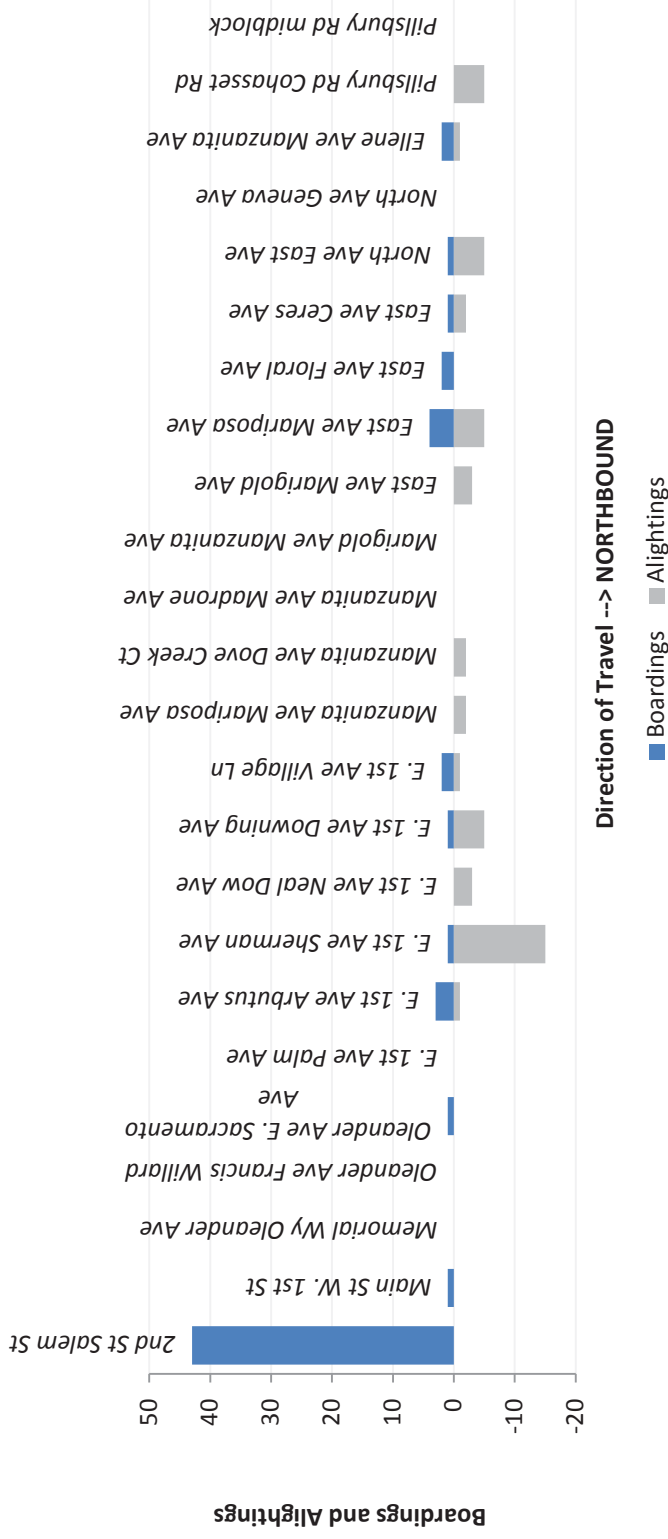


Southbound



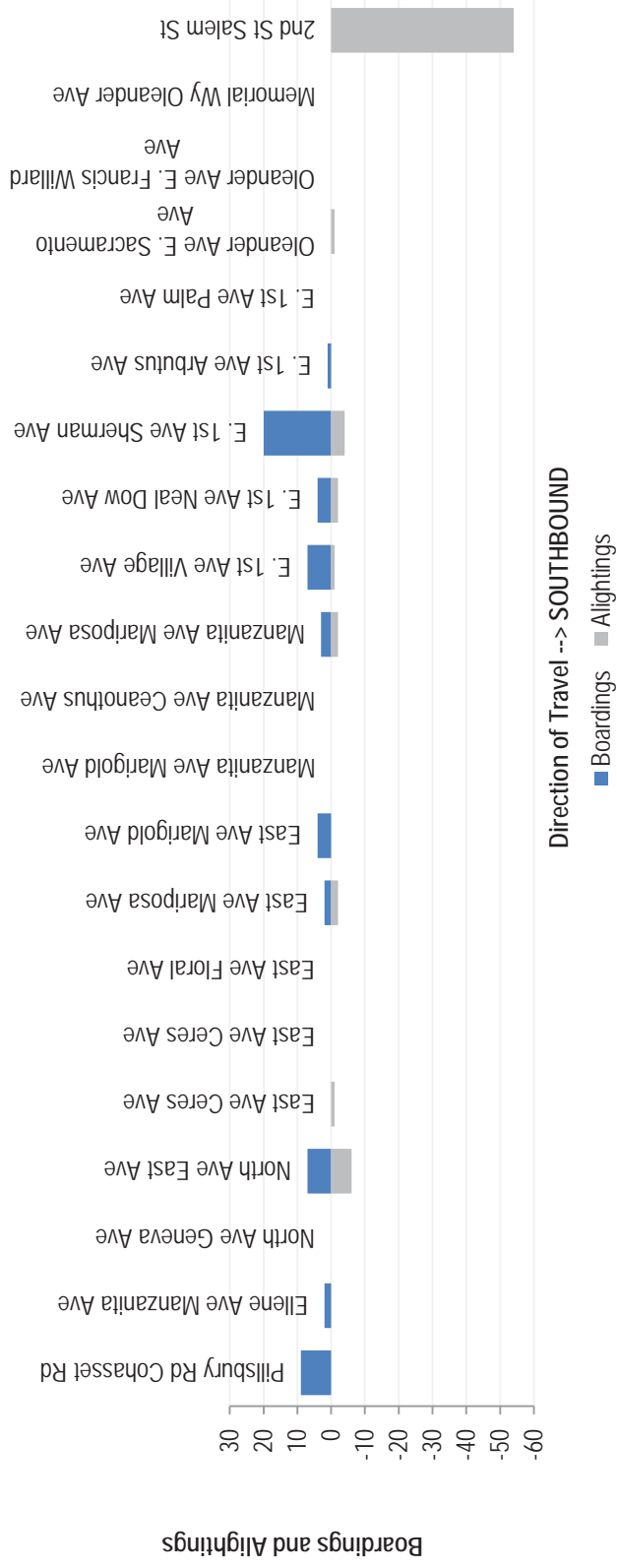
Route 4 First/East

Figure A-8 Route 4 Saturday Boardings & Alightings By Stop – Northbound



Note: one passenger joined Route 4 northbound from Route 3 buses at the Chico Transit Center.

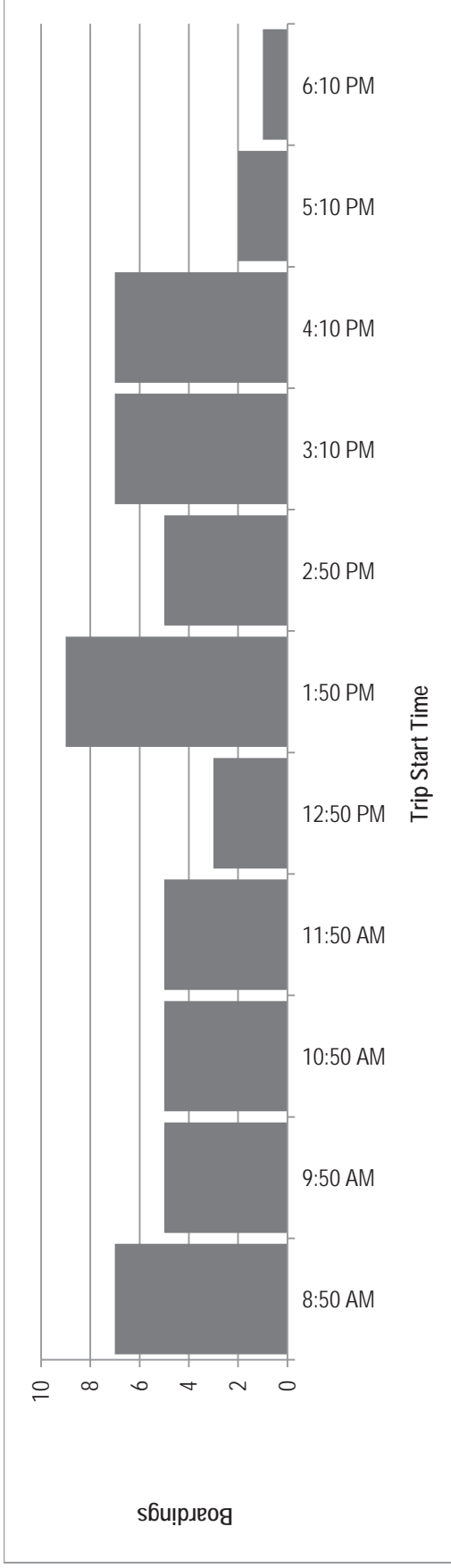
Figure A-9 Route 4 Saturday Boardings & Alightings By Stop – Southbound



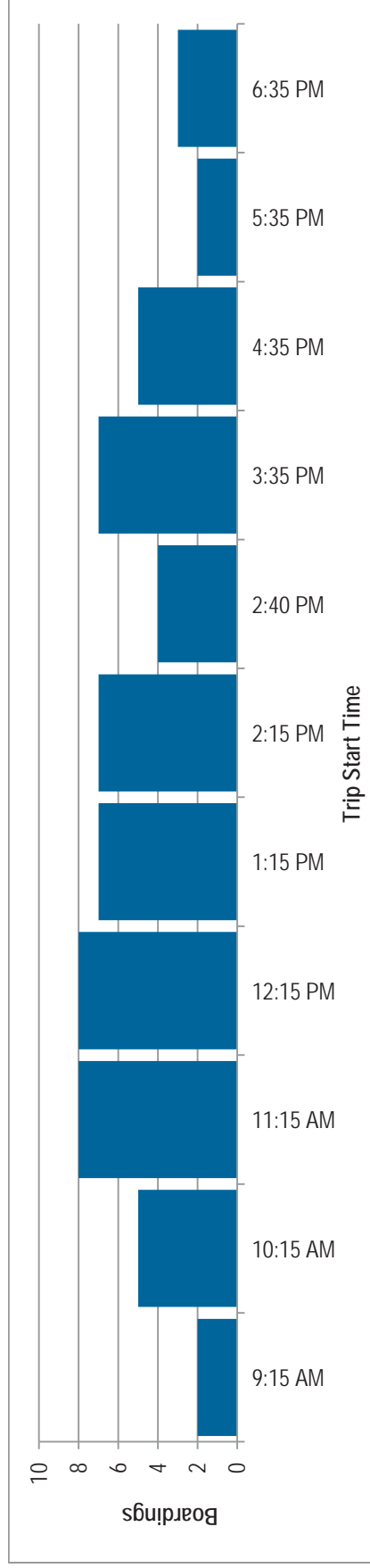
Note: a total of 16 passengers joined Route 4 southbound from through-routed Route 3 buses at North Valley Plaza.

Figure A-10 Route 4 Saturday Boardings by Trip – Northbound & Southbound

Northbound

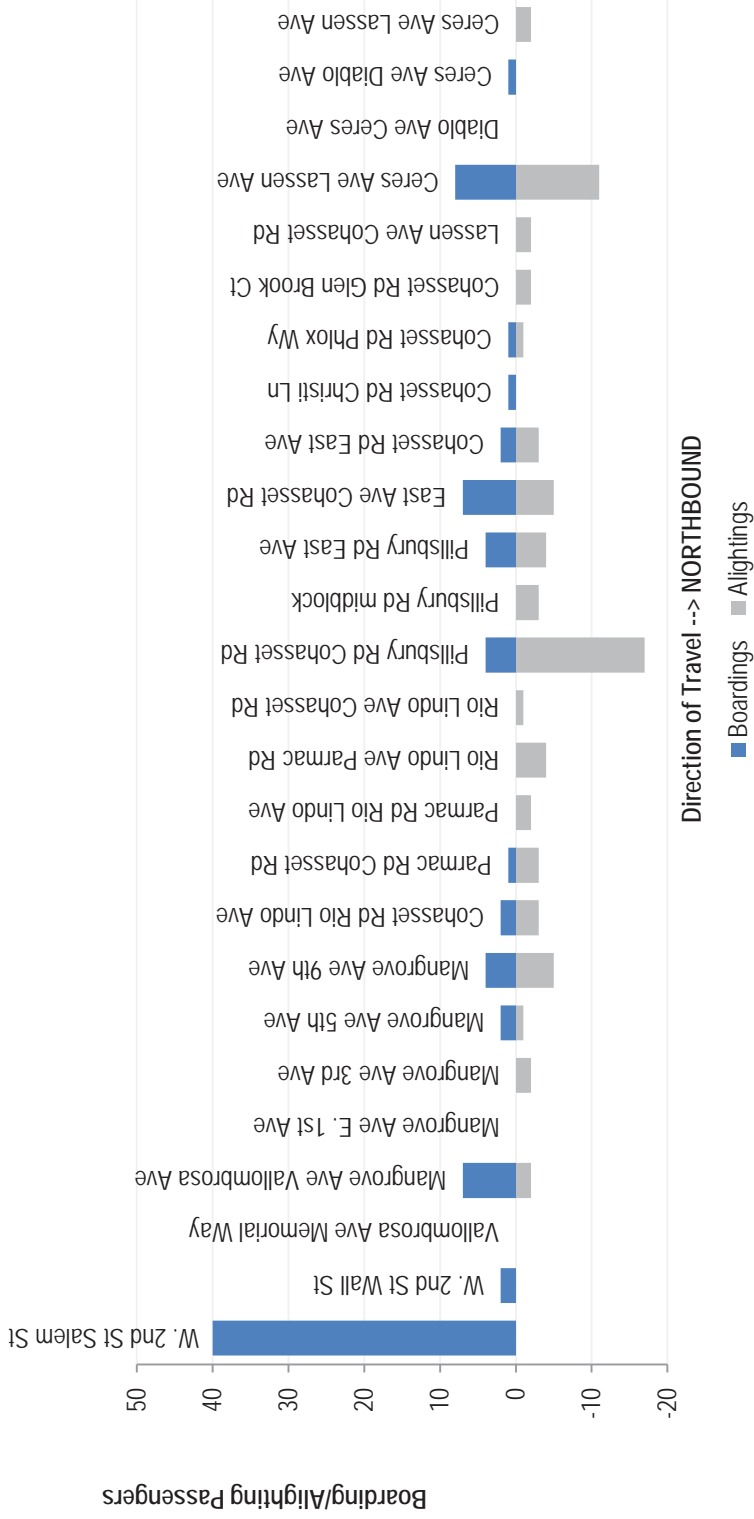


Southbound



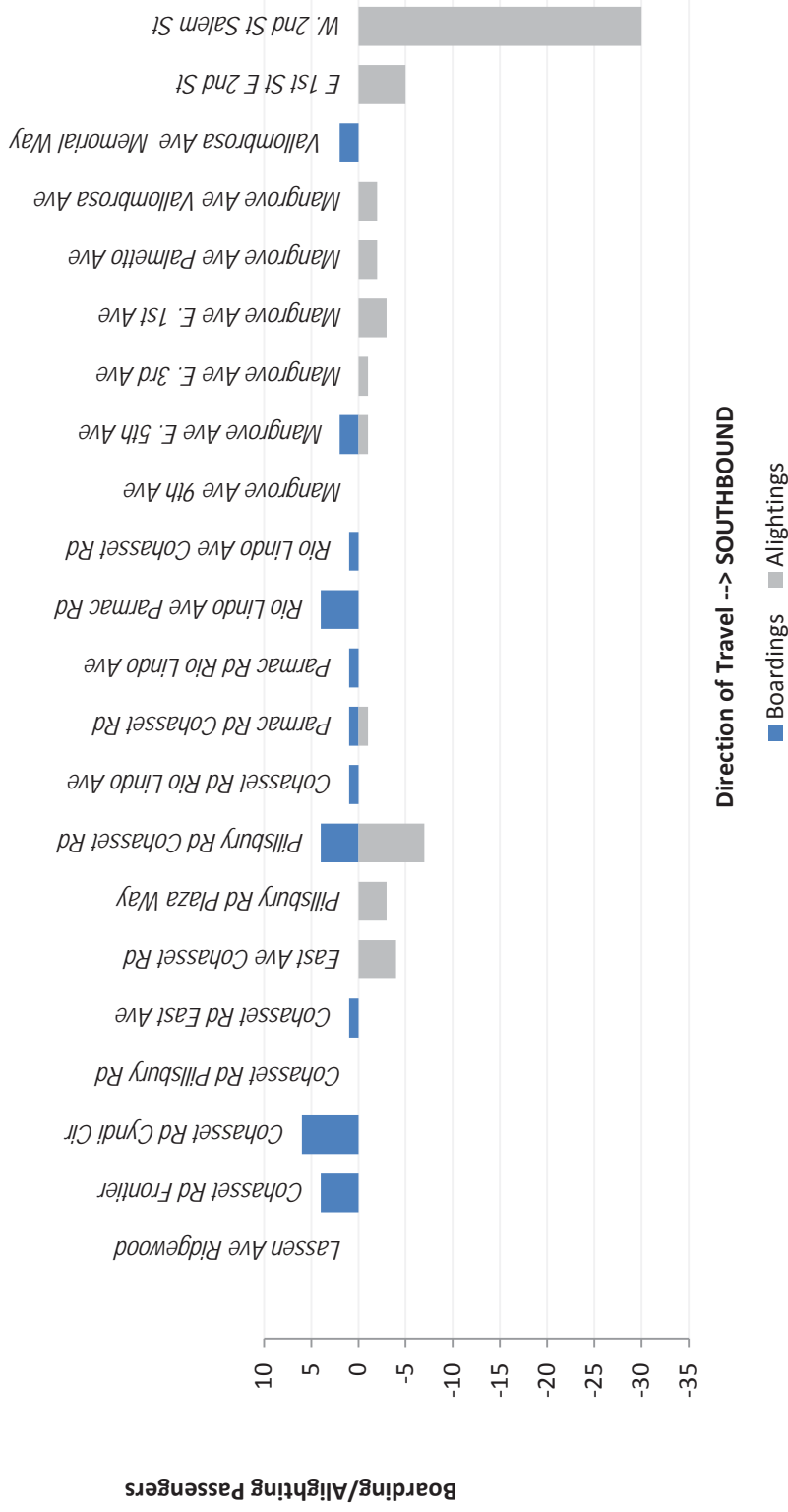
Route 5 East 8th Street

Figure A-11 Route 2 Saturday Boardings & Alightings By Stop – Northbound



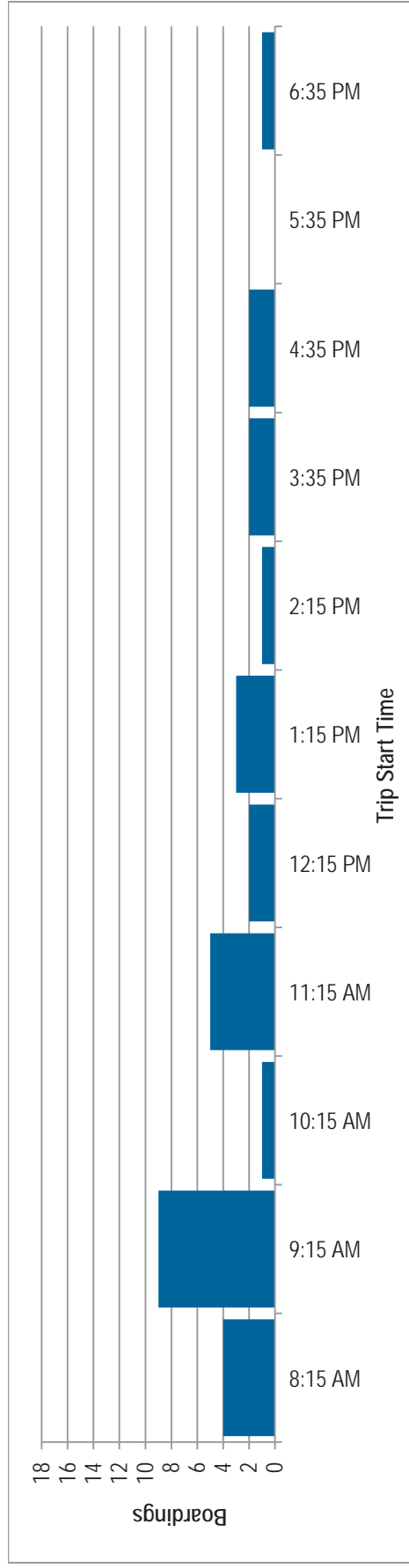
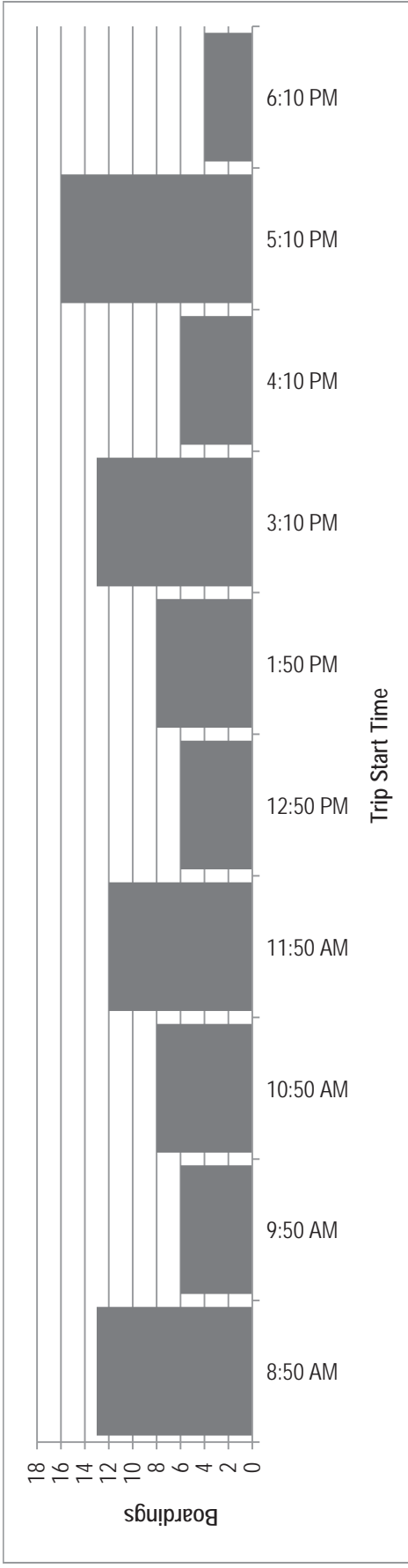
Note: a total of 2 passengers carried over onto Route 5 northbound at the Chico Transit Center.

Figure A-12 Route 2 Saturday Boardings & Alightings By Stop – Southbound



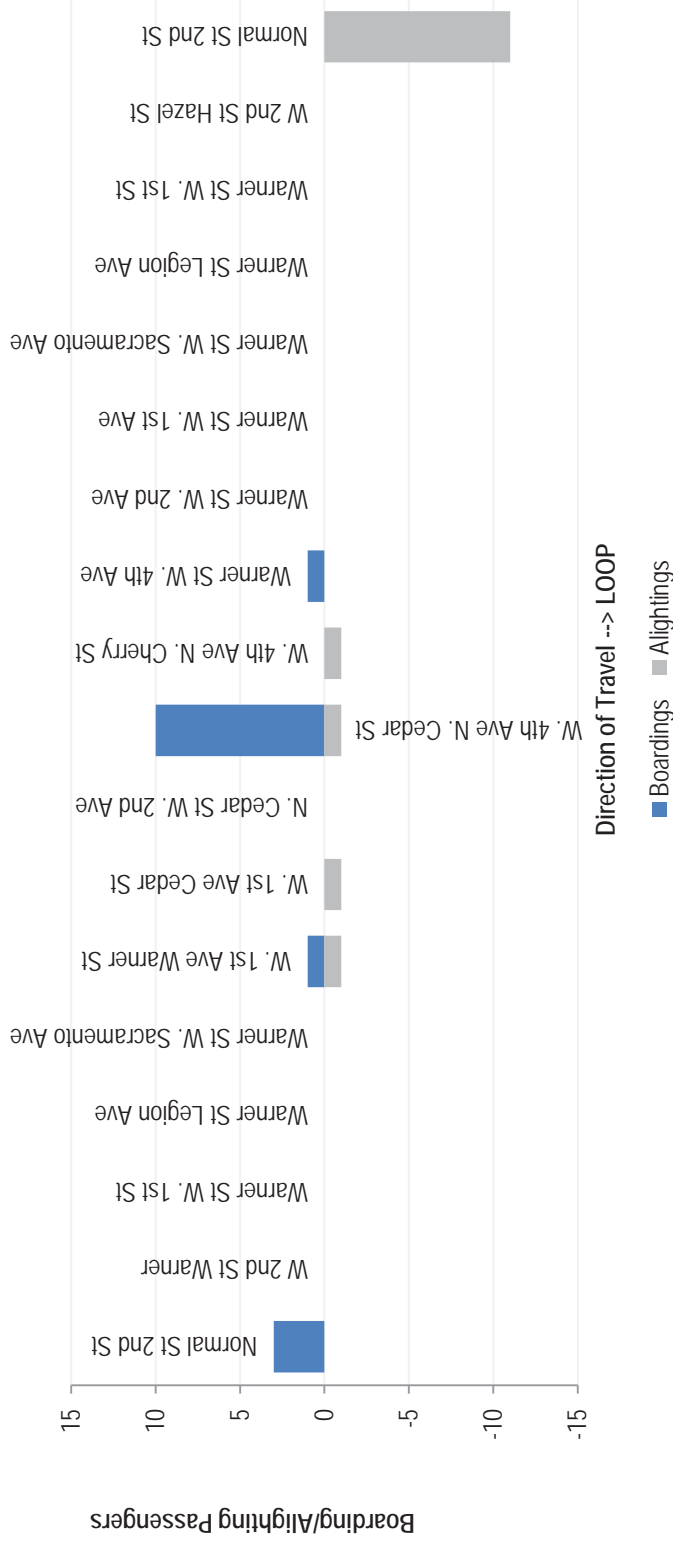
Note: a total of 14 passengers joined Route 5 westbound already aboard eastbound Route 5 buses the Forest Avenue Transfer.

Figure A-13 Route 2 Saturday Boardings by Trip – Northbound



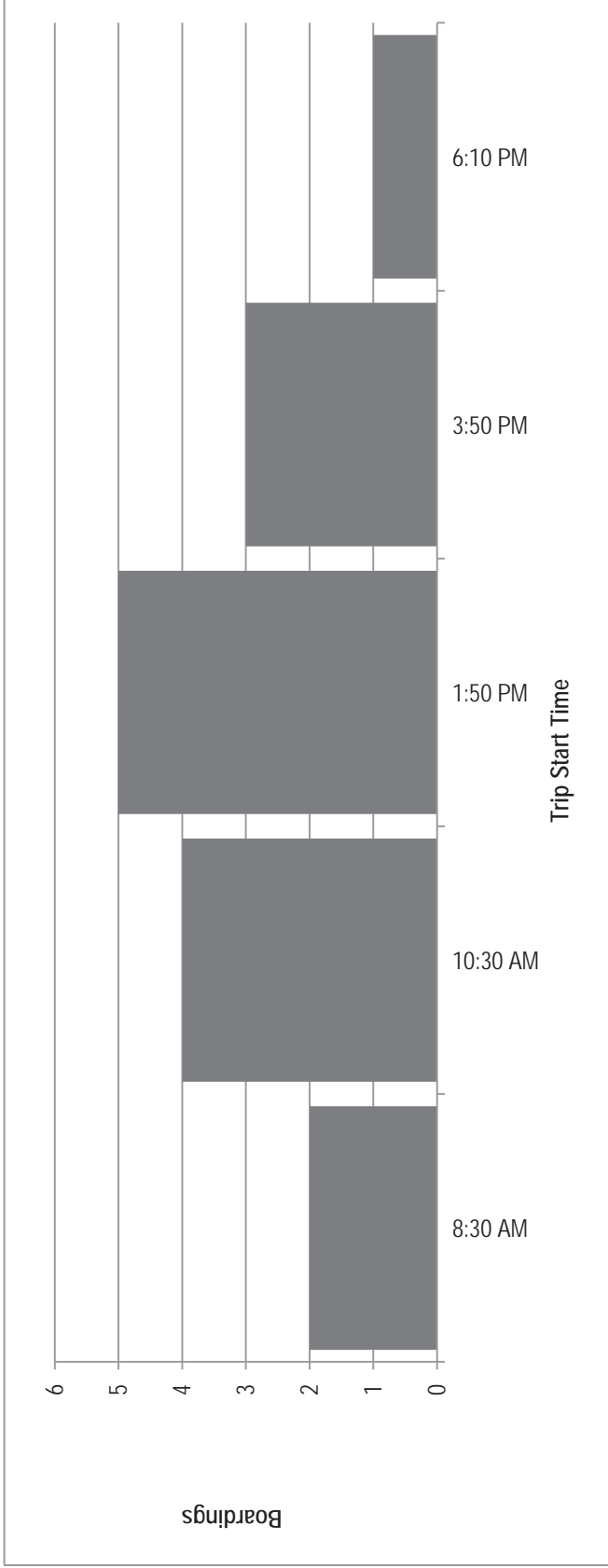
Route 9C Cedar Loop

Figure A-14 Route 9C Saturday Boardings & Alightings By Stop



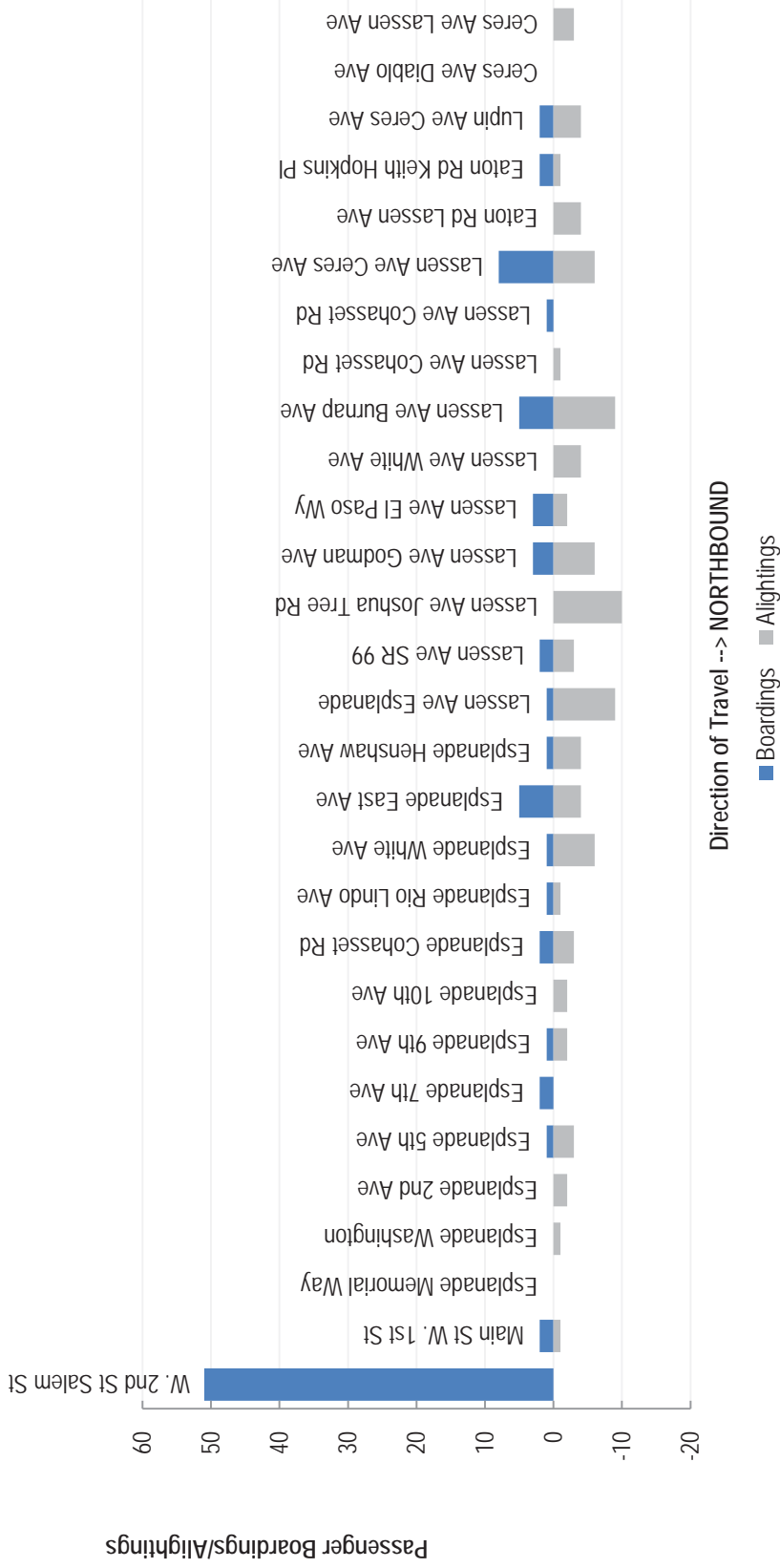
Note: a total of 2 passengers joined Route 9C from through-routed buses at Chico Transit Center.

Figure A-15 Route 2 Saturday Boardings by Trip – Loop



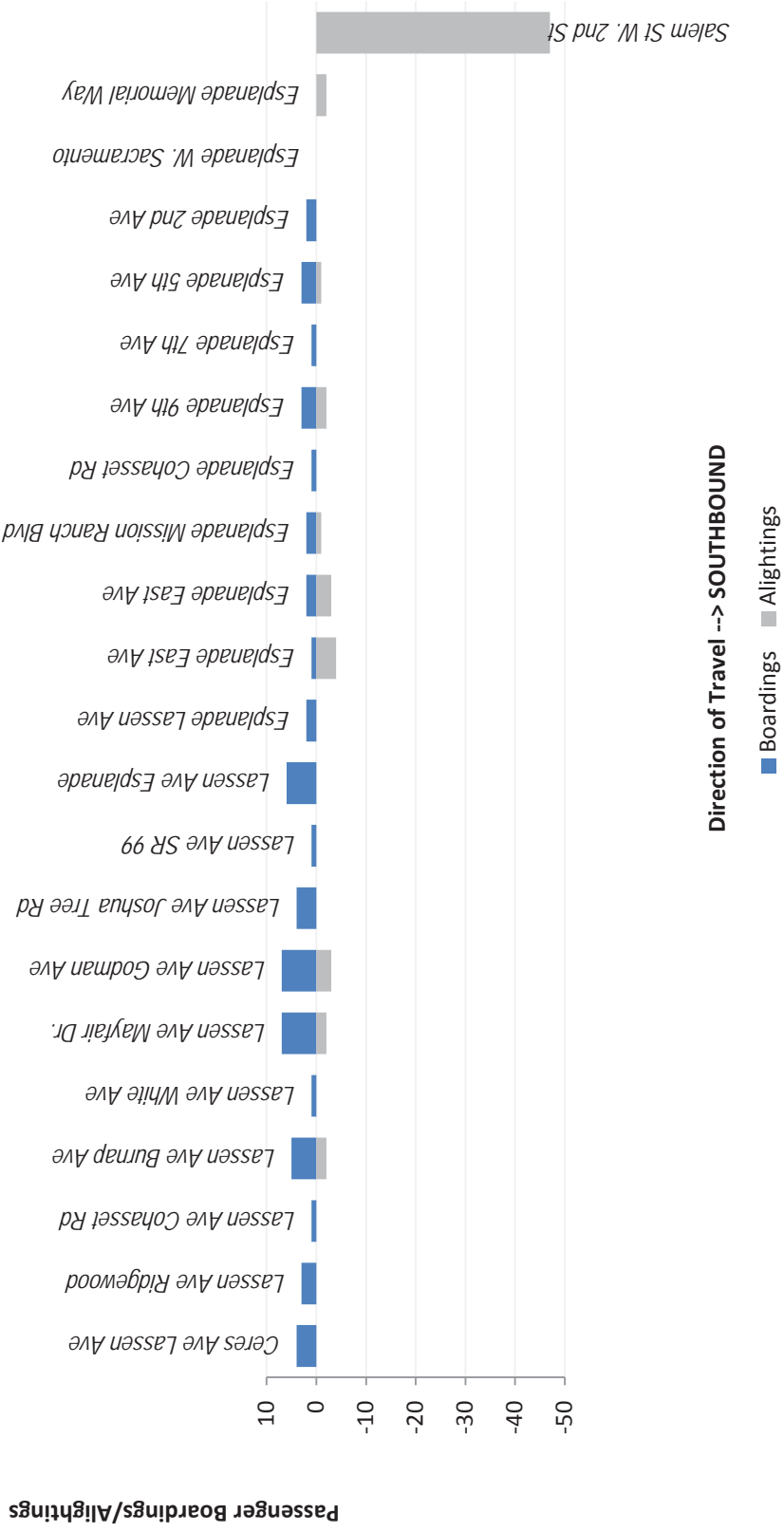
Route 15N Esplanade/Lassen

Figure A-16 Route 15N Saturday Boardings & Alightings By Stop – Northbound



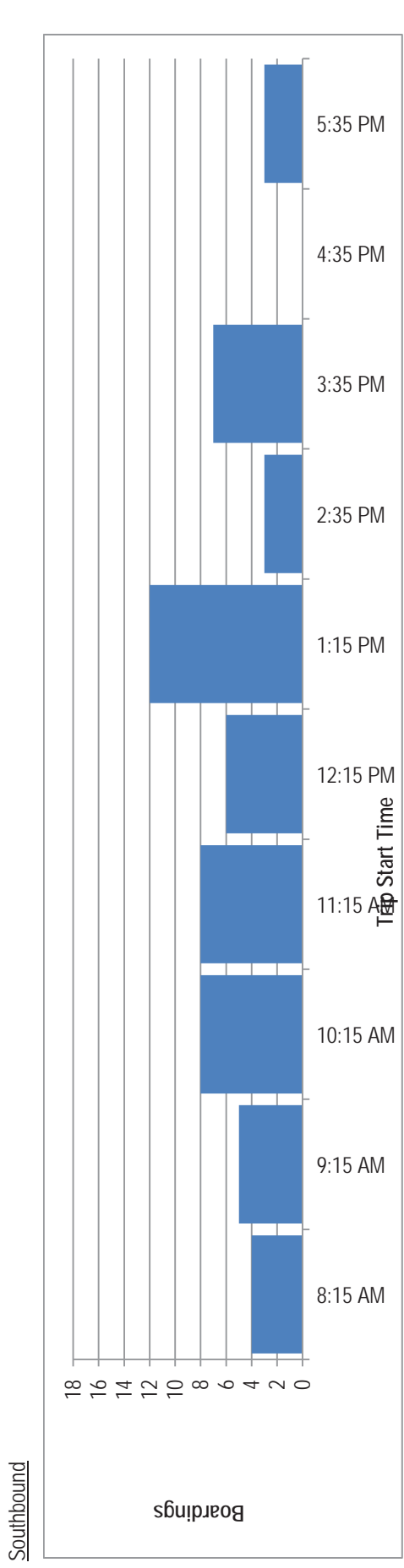
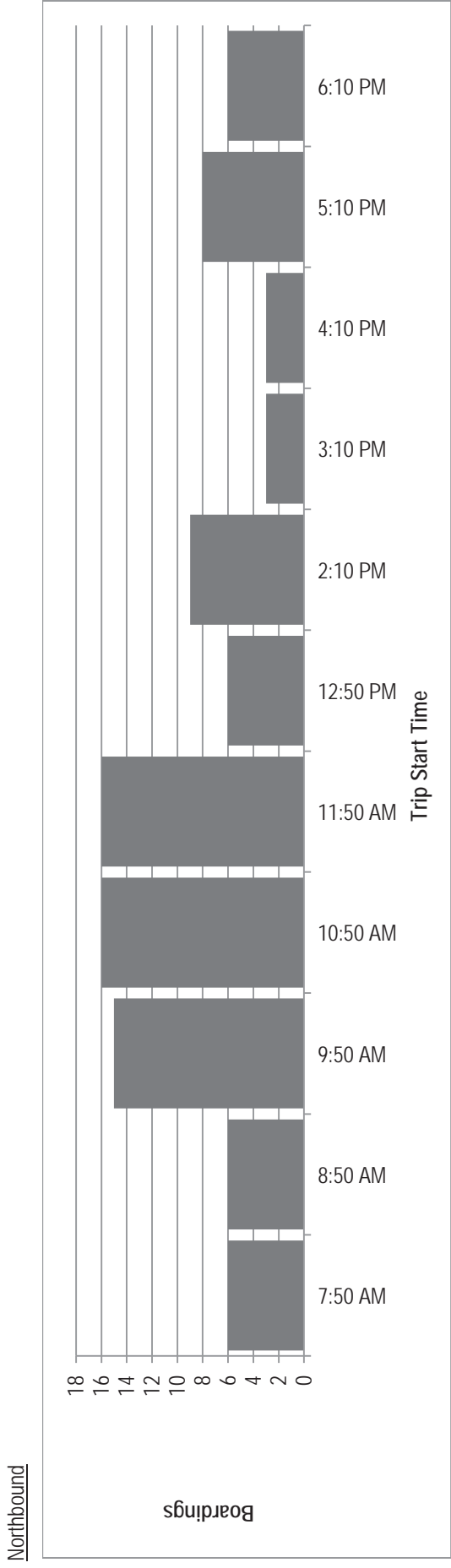
Note: a total of 29 passengers carried over onto Route 15N northbound from Route 15S northbound at the Chico Transit Center.

Figure A-17 Route 15N Saturday Boardings & Alightings By Stop – Southbound



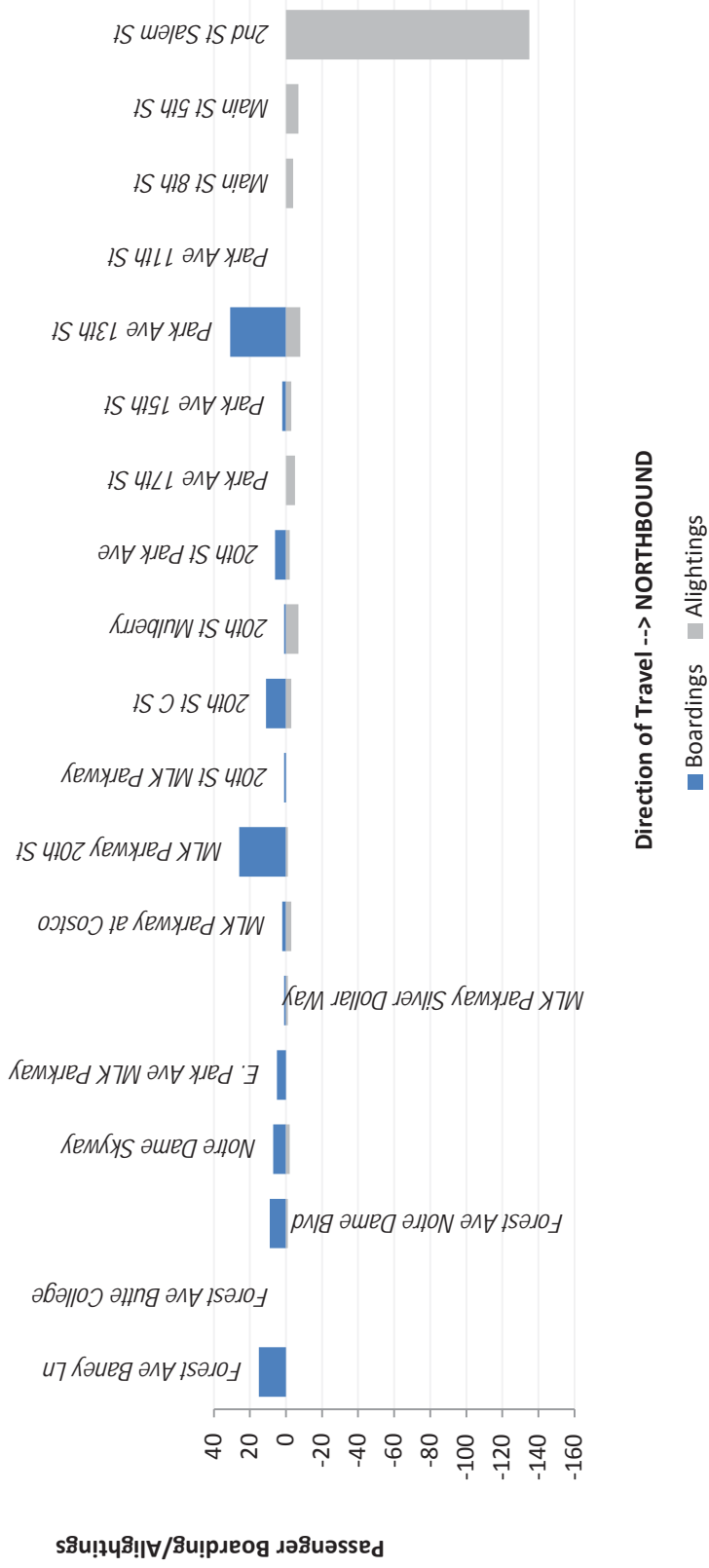
Note: a total of 32 passengers joined Route 15N southbound already on board Route 15N northbound buses at Ceres & Lassen.

Figure A-18 Route 15N Saturday Boardings by Trip – Northbound & Southbound



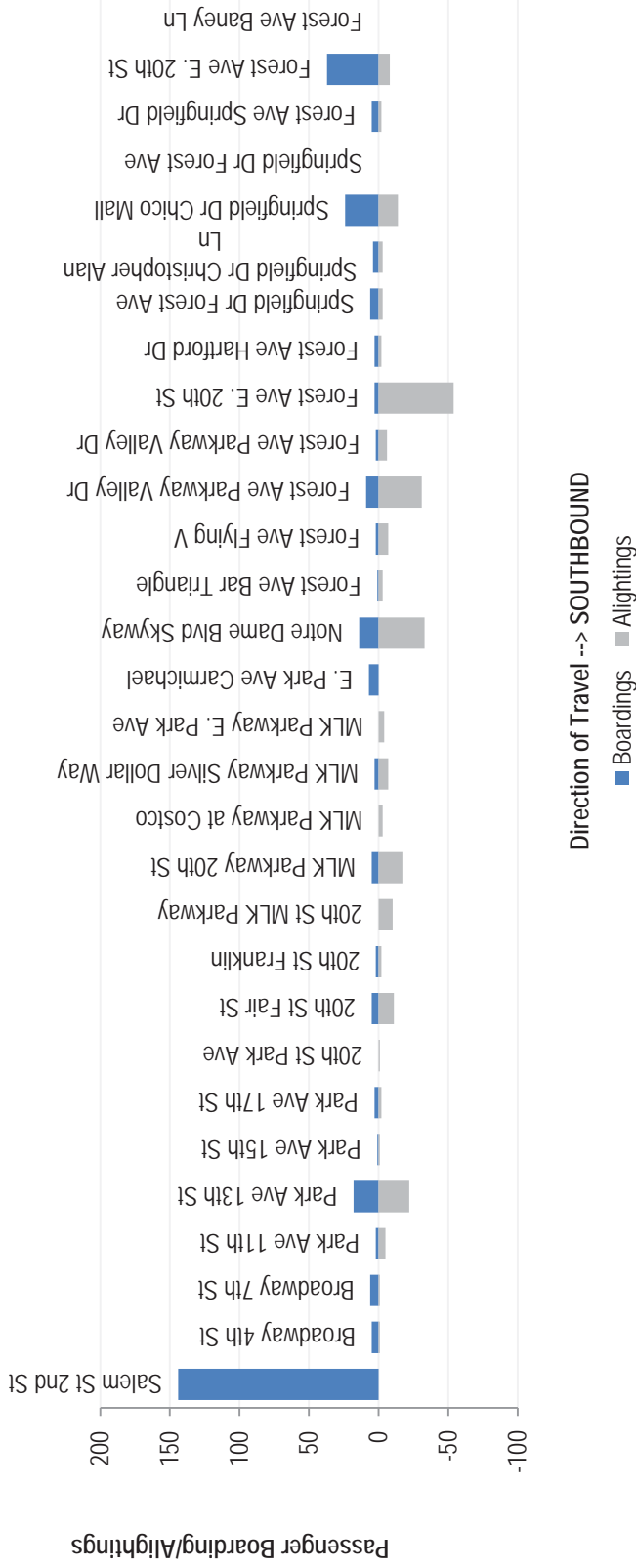
Route 15S Forest/MLK/Park

Figure A-19 Route 15S Saturday Boardings & Alightings By Stop – Northbound



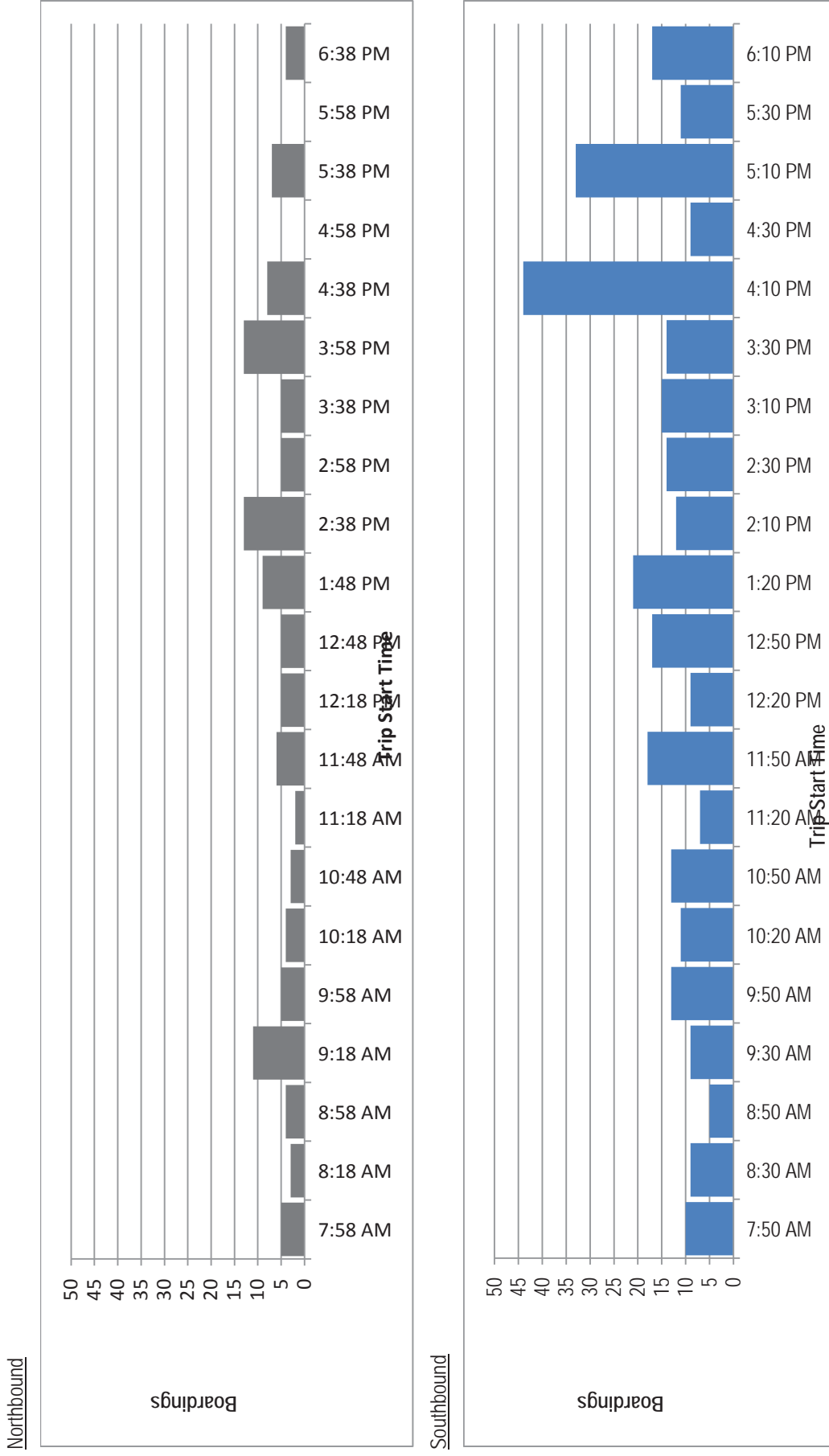
Note: a total of 54 passengers carried over onto Route 15S northbound already on board Route 15S southbound buses at the Forest Avenue Transfer.

Figure A-20 Route 15S Saturday Boardings & Alightings By Stop – Southbound



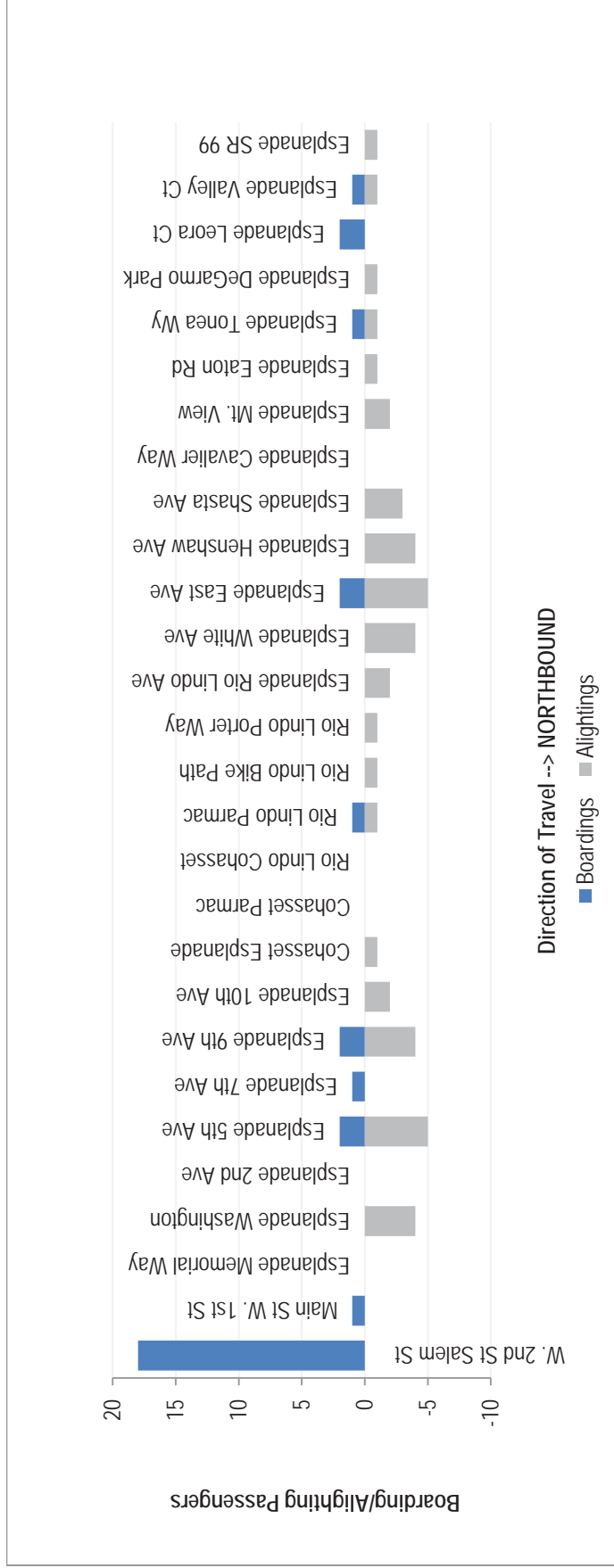
Note: a total of 61 passengers joined Route 15S southbound on board Route 15N southbound buses at the Chico Transit Center.

Figure A-21 Route 15S Saturday Boardings by Trip – Northbound & Southbound



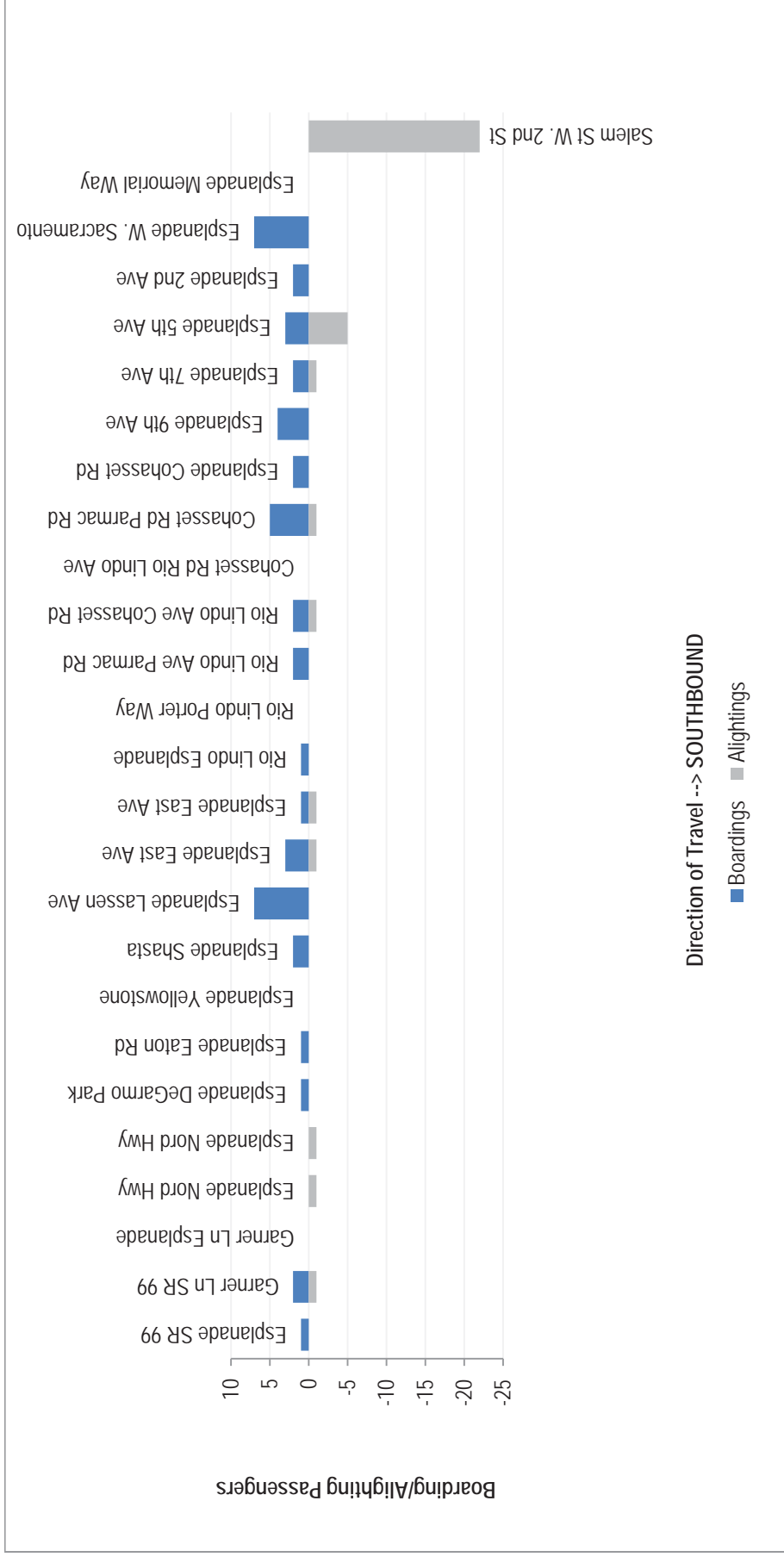
Route 16 Esplanade/SR 99

Figure A-22 Route 16 Saturday Boardings & Alightings By Stop – Northbound



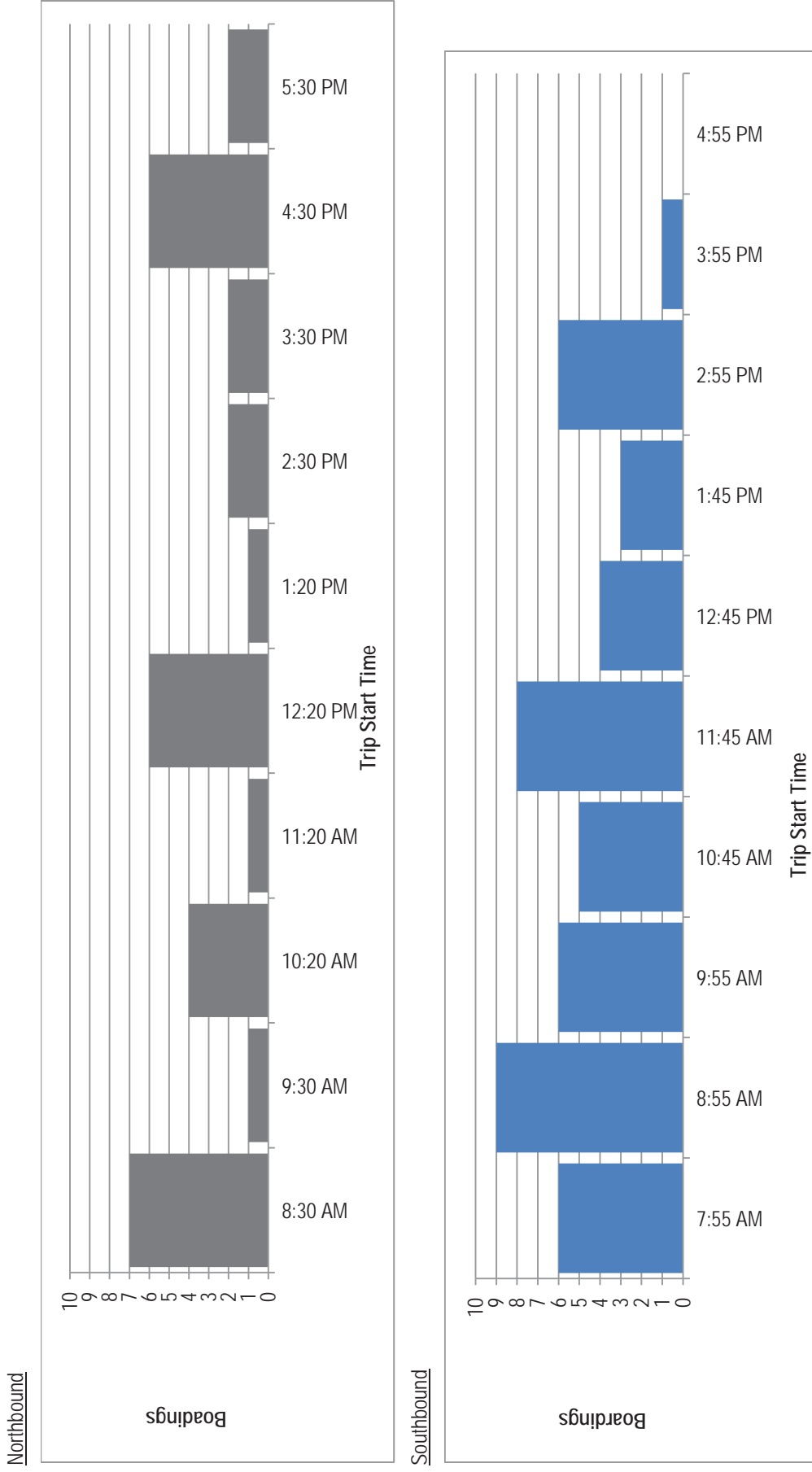
Note: a total of 20 passengers carried over onto Route 16 northbound already on board buses at the Chico Transit Center.

Figure A-23 Route 16 Saturday Boardings & Alightings By Stop – Southbound



Note: a total of 8 passengers joined Route 16 southbound already on board Route 16 northbound buses at the northern terminus.

Figure A-24 Route 16 Saturday Boardings by Trip – Northbound & Southbound



Regional (Intercity) Routes

Route 20 Chico – Oroville

Note: on weekends, Route 20 completes an extra loop within Oroville to the south and west of the transit center, serving WalMart and other destinations along Oro Dam Boulevard before returning to the Oroville Transit Center and Chico.

Figure A-25 Route 20 Saturday Boardings & Alightings By Stop – Northbound



Note: a total of 39 passengers carried over onto Route 20 northbound from Route 20 southbound buses at Feather River Boulevard & Oro Dam Boulevard, the Saturday southern terminus.

Figure A-26 Route 20 Saturday Boardings & Alightings By Stop – Southbound

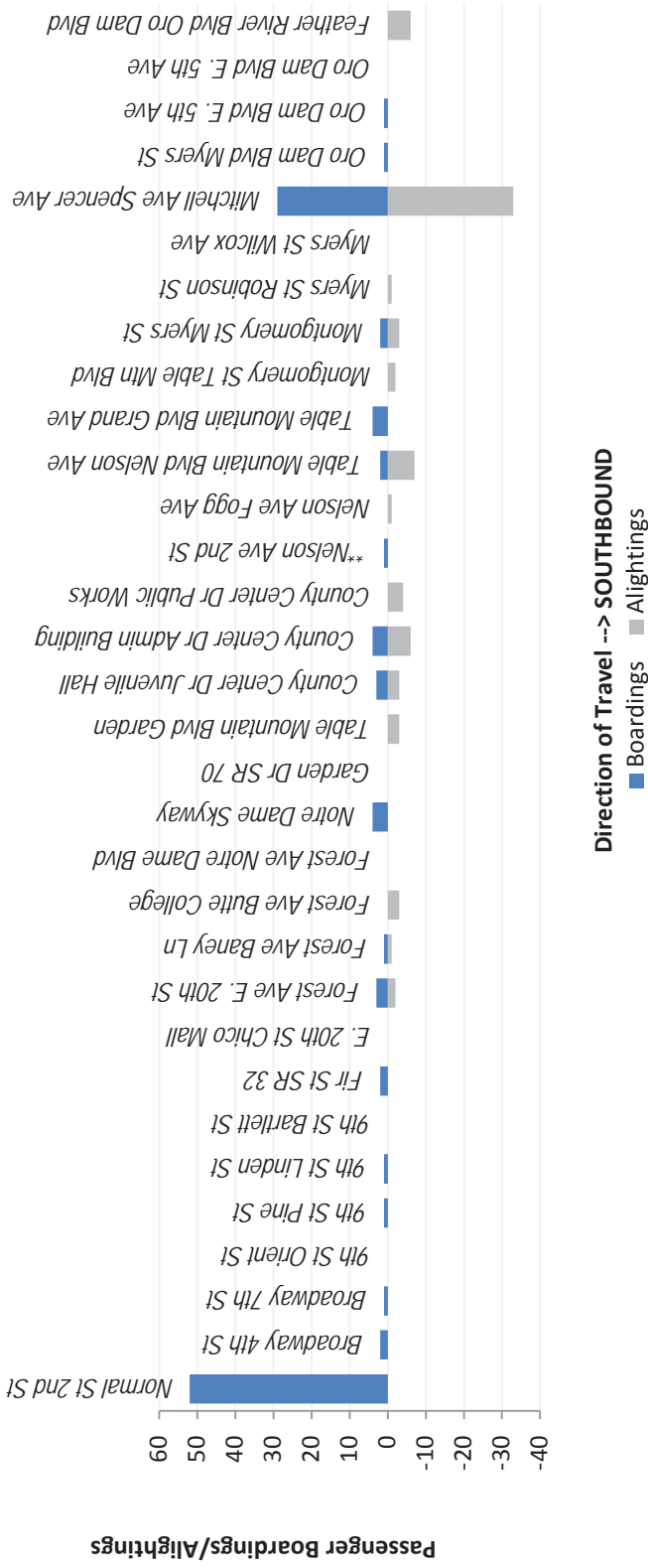
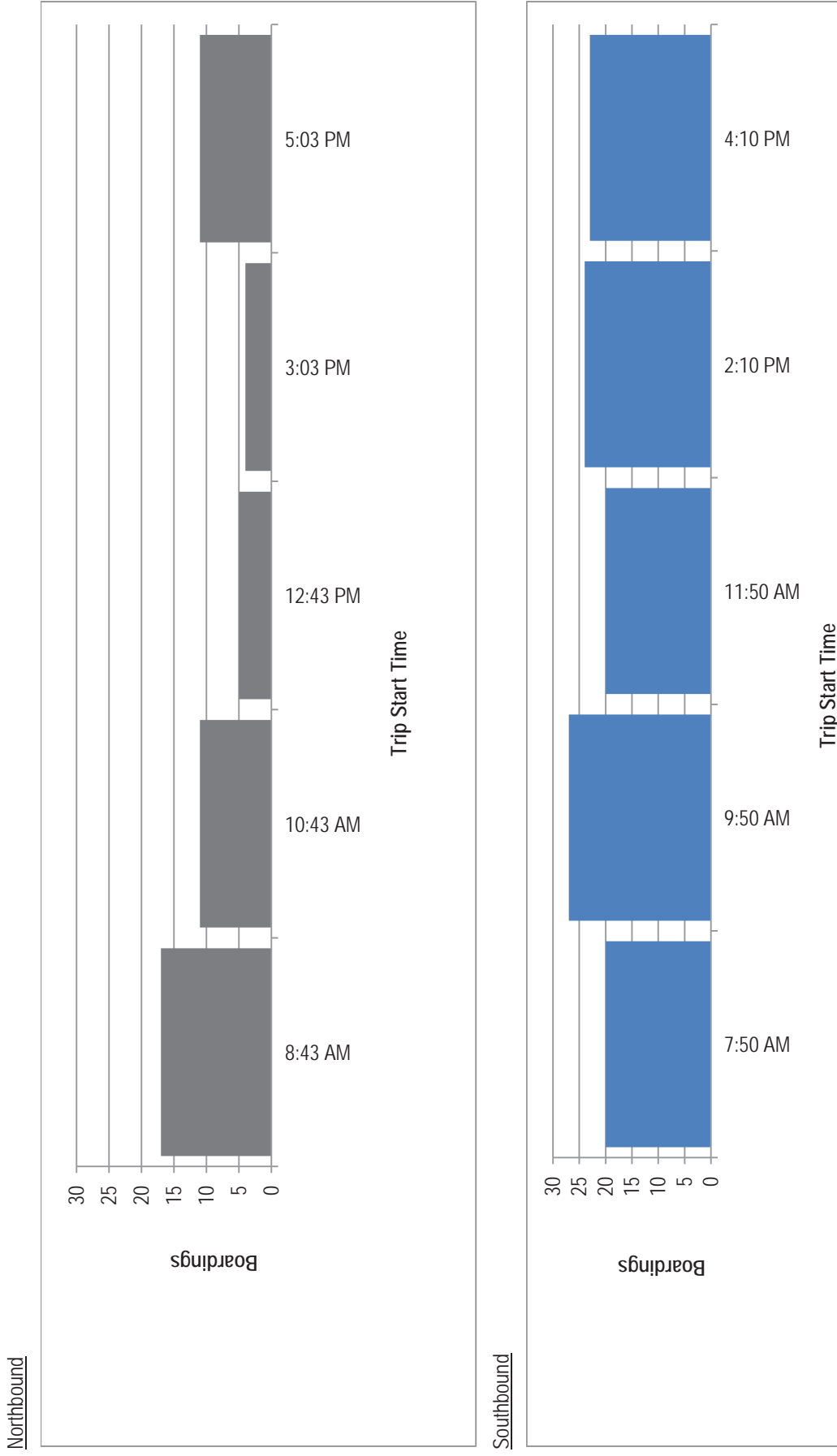
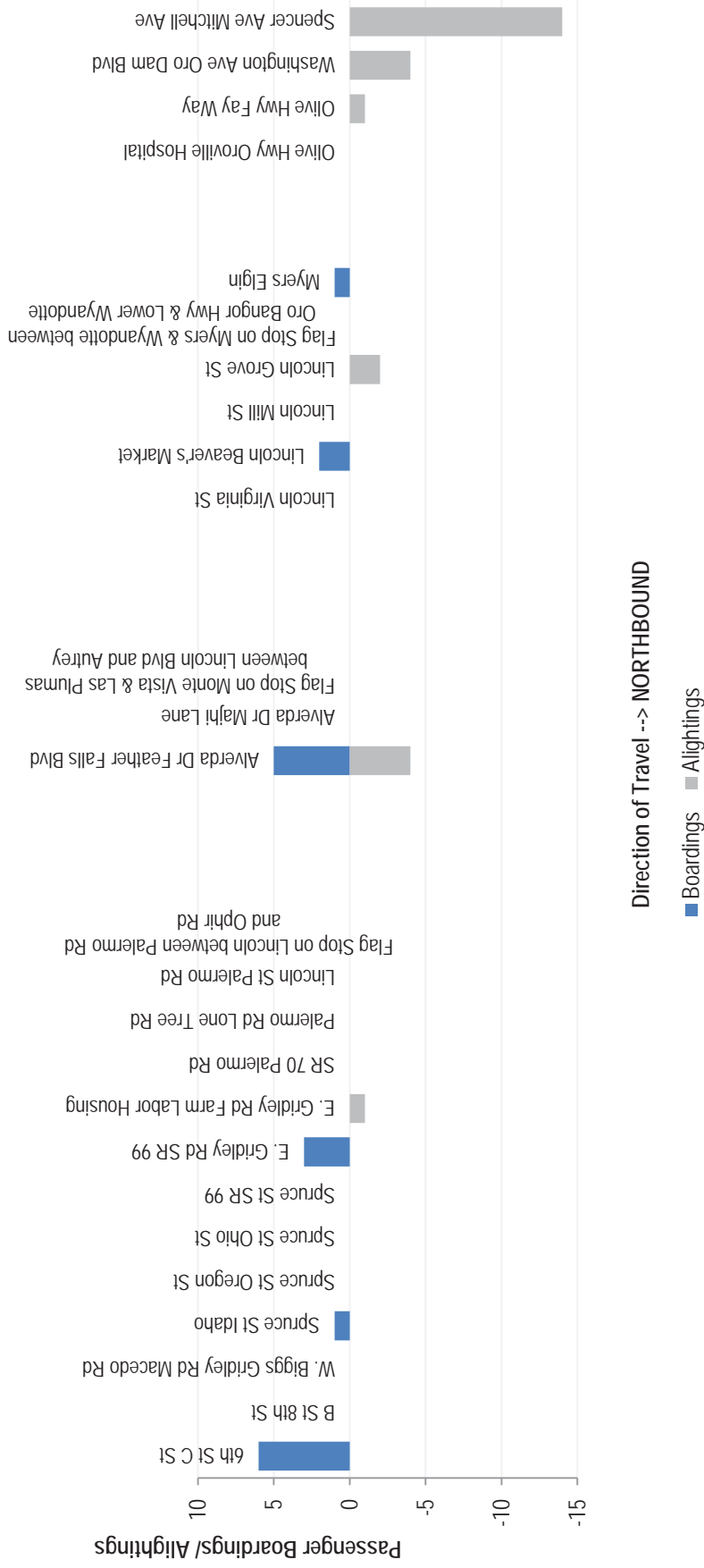


Figure A-27 Route 20 Saturday Boardings by Trip – Northbound & Southbound



Route 30 Oroville – Biggs

Figure A-27 Route 30 Saturday Boardings & Alightings By Stop – Northbound



Note: a total of 8 passengers carried over onto Route 30 northbound from Route 30 southbound buses in Biggs.

Figure A-28 Route 30 Saturday Boardings & Alightings By Stop – Southbound

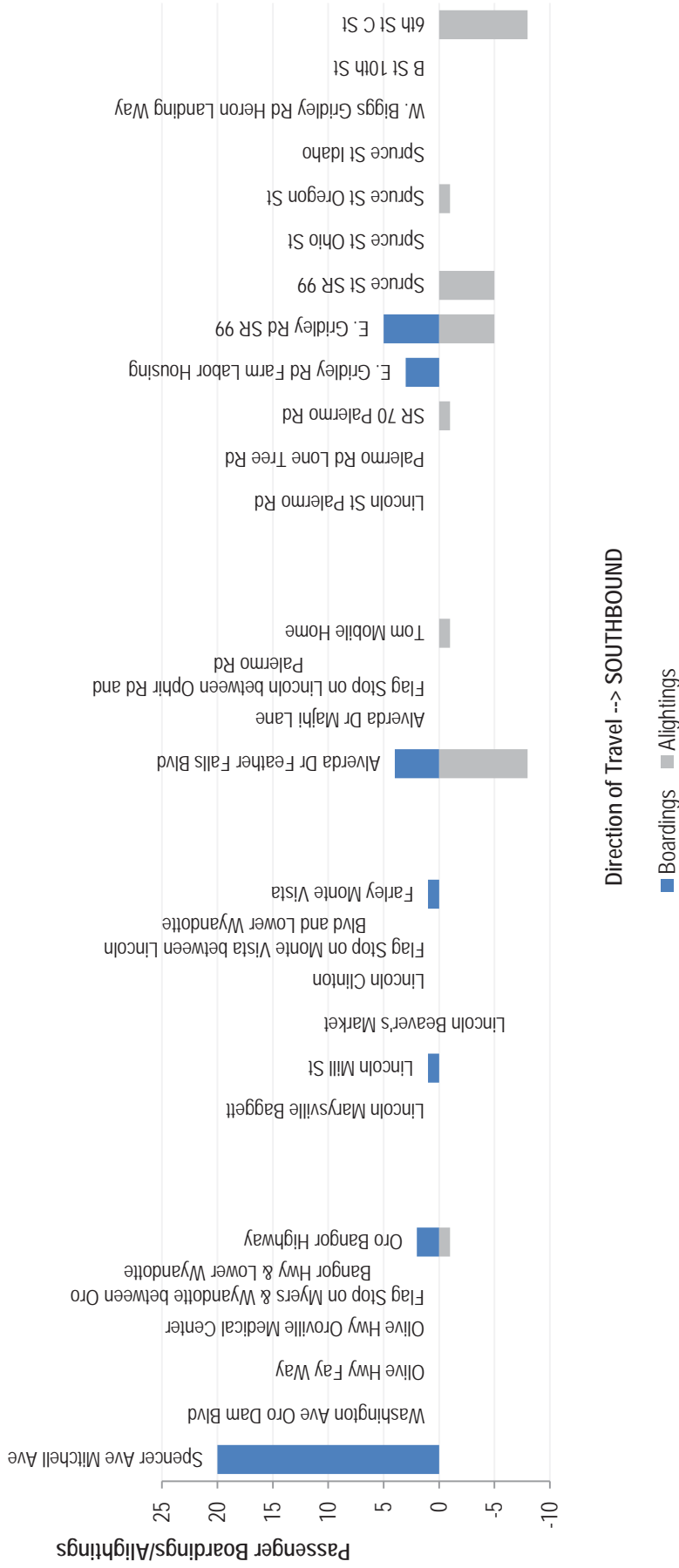
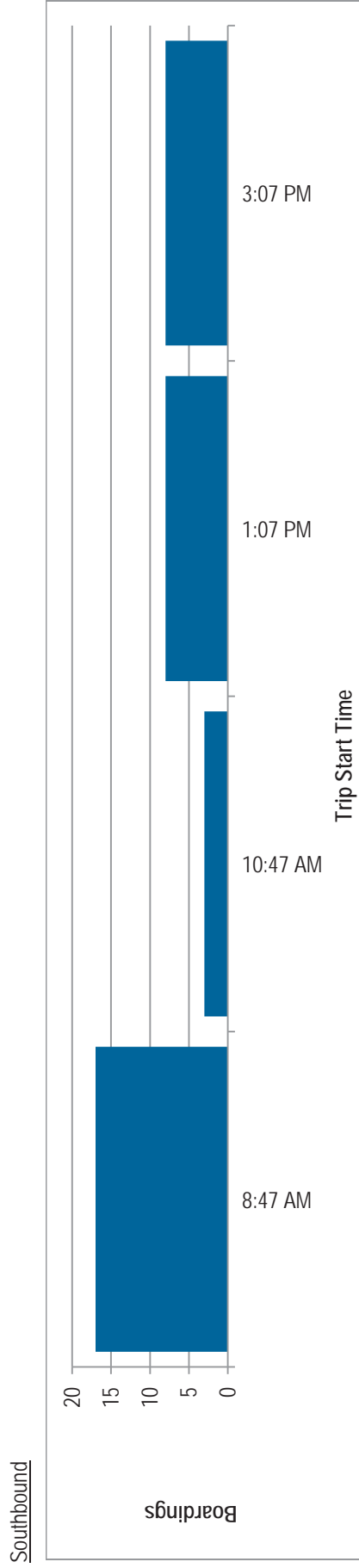
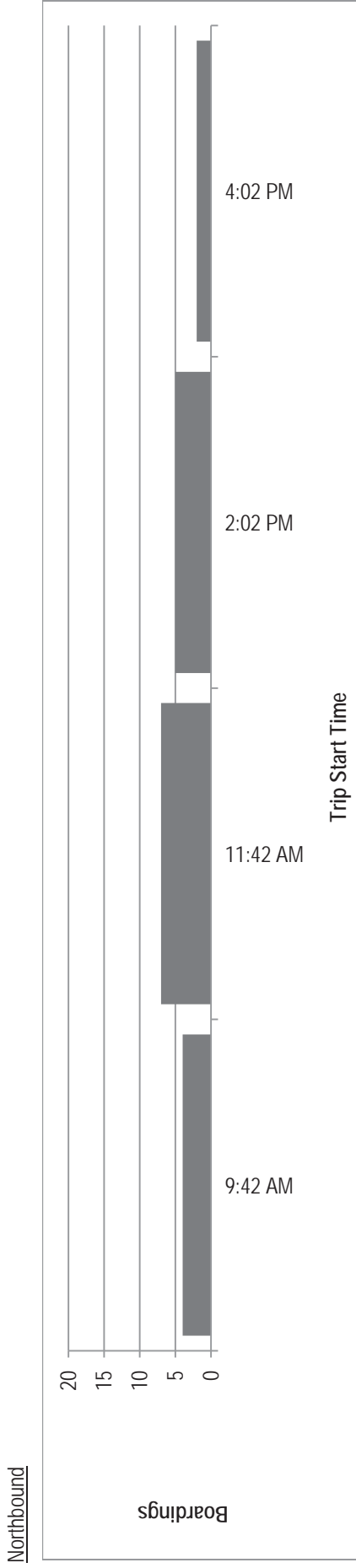
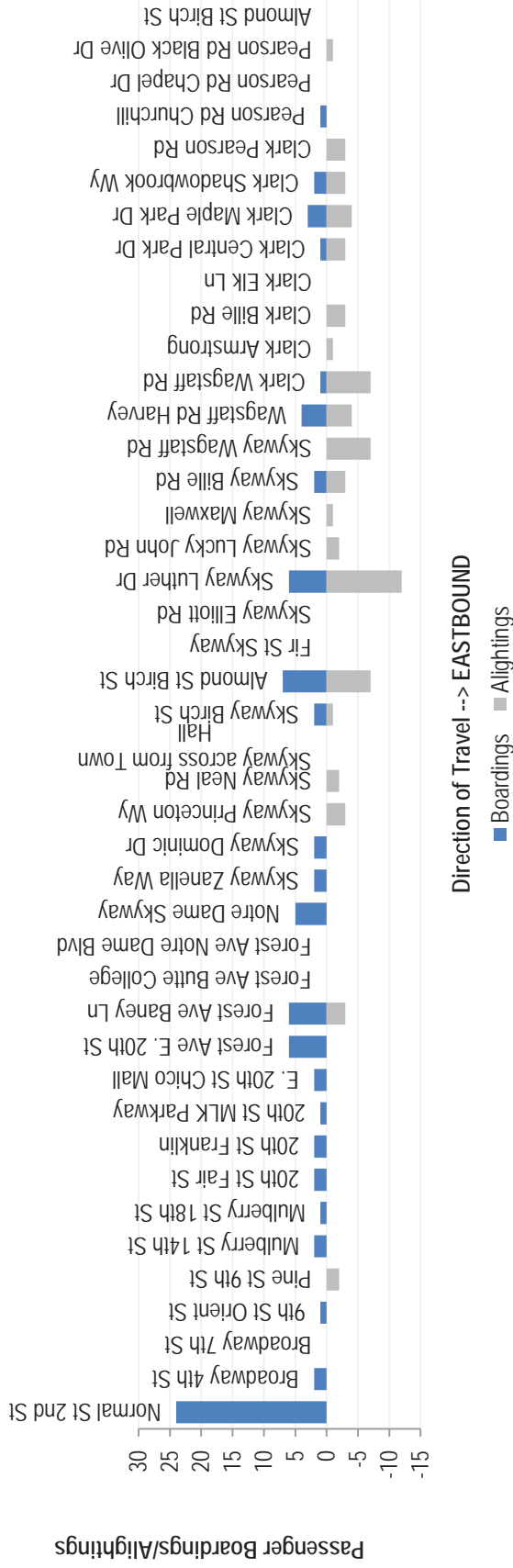


Figure A-29 Route 30 Saturday Boardings by Trip – Northbound & Southbound



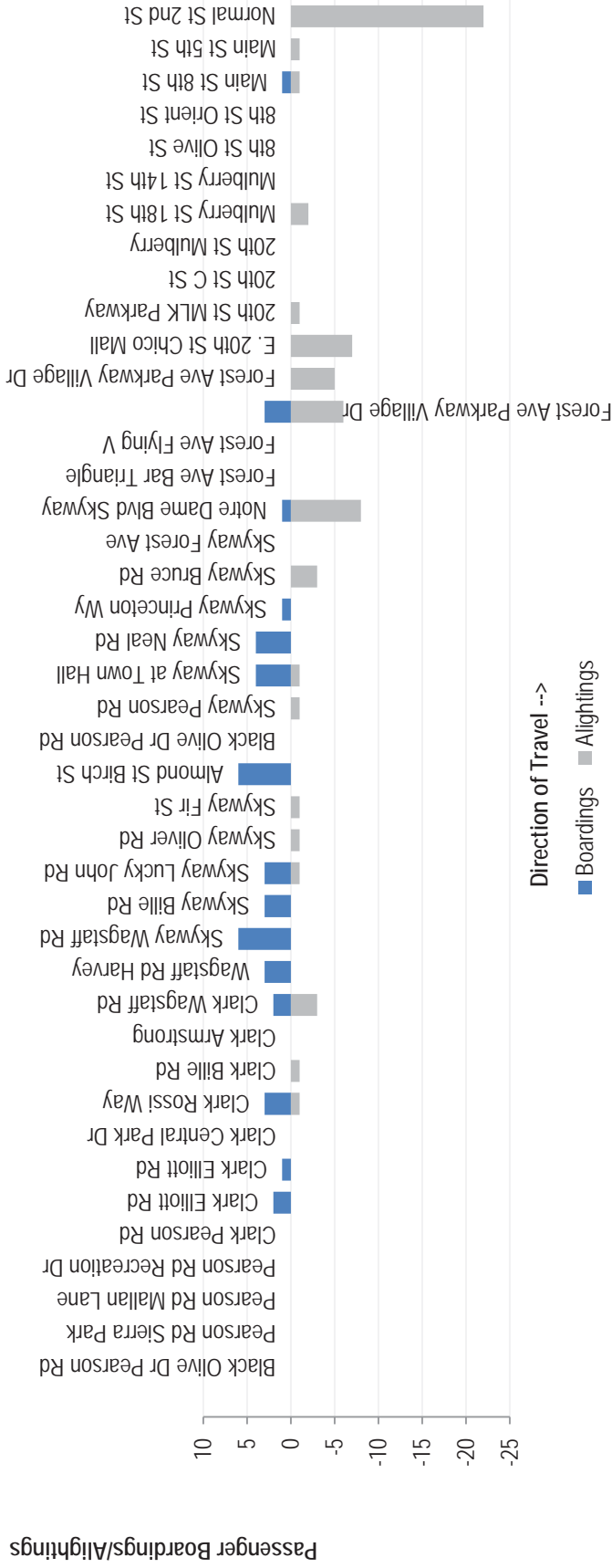
Route 40 Paradise – Chico

Figure A-30 Route 40 Saturday Boardings & Alightings By Stop – Eastbound



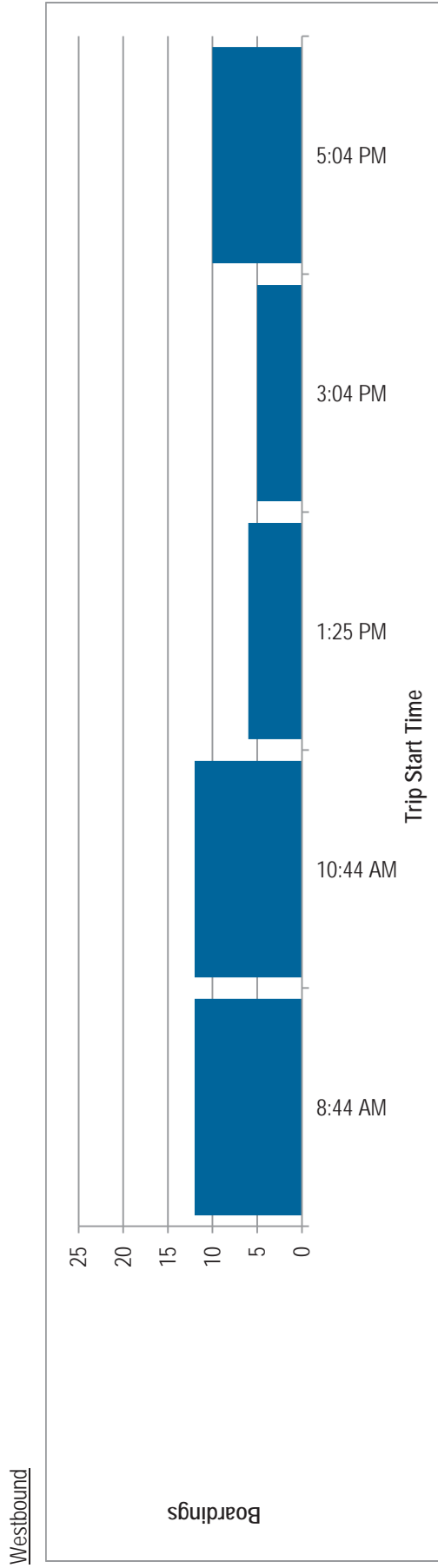
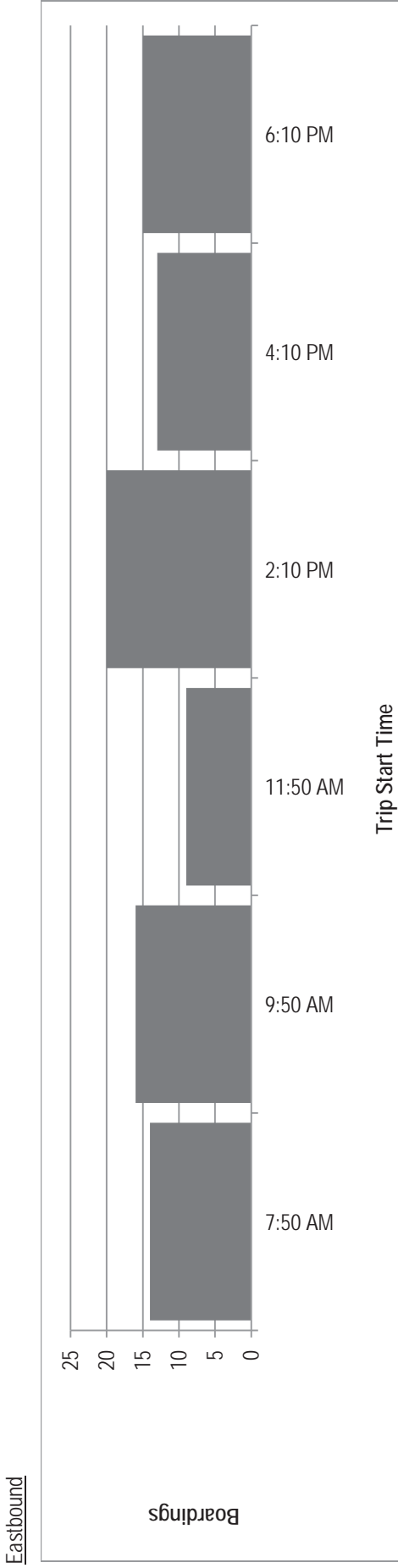
Note: a total of 13 passengers carried over onto Route 40 eastbound already aboard buses at the Chico Transit Center.

Figure A-31 Route 40 Saturday Boardings & Alightings By Stop – Westbound



Note: a total of 32 passengers carried over onto Route 40 westbound already aboard Route 40 eastbound buses at the Paradise Transit Center.

Figure A-33 Route 40 Saturday Boardings by Trip – Eastbound & Westbound

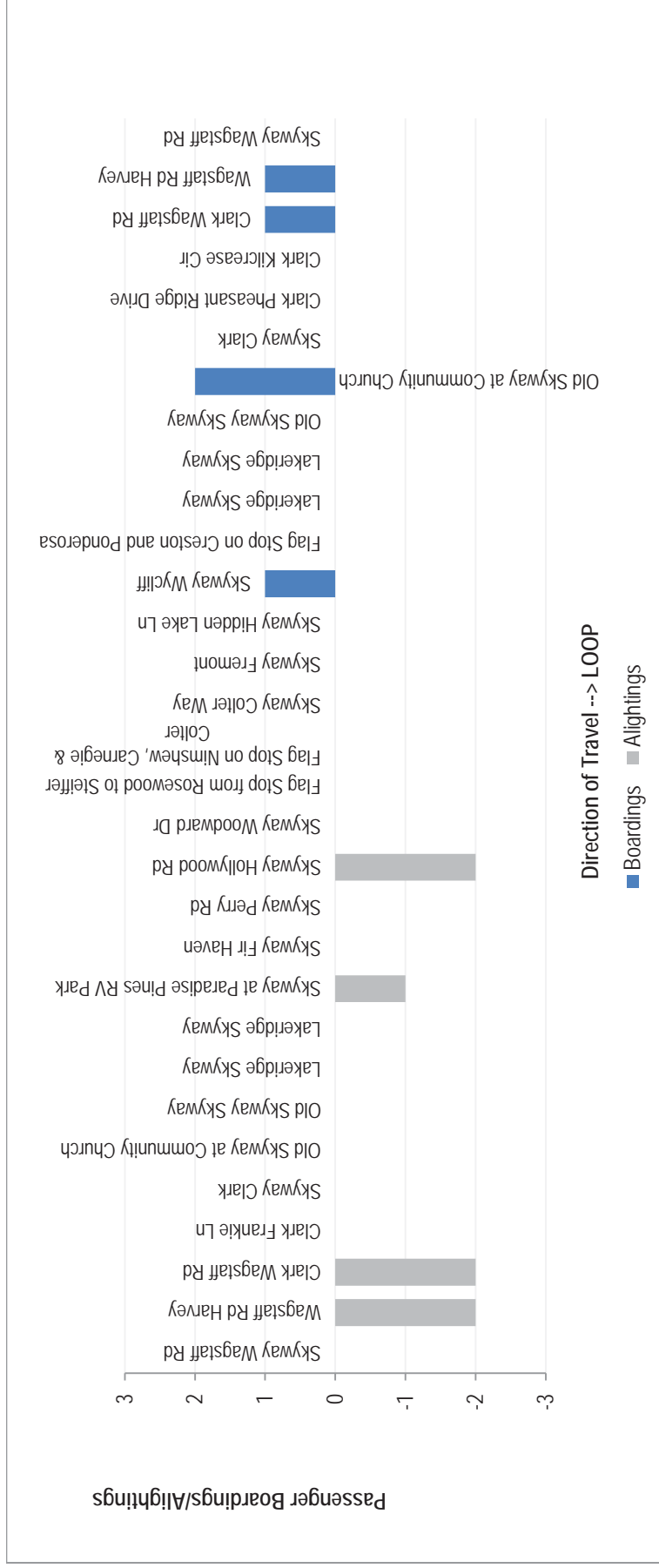


Route 41 Magalia – Chico

On Saturdays, Route 41 essentially functions as a loop between Magalia and Paradise, linking up with Route 40 to provide through service to Chico.

On the surveyed Saturday, there were no boardings on either the 9:45am or 5:18pm runs. 13 passengers carried over onto the 12:32pm Route 41 westbound trip from the 11:50am Route 40 eastbound bus at Skyway & Wagstaff. At the end of the Route 41 loop, this bus becomes Route 40 westbound towards Chico; 11 passengers remained on board for this trip. A total of five (5) distinct passengers boarded Route 41 in Magalia and Paradise on the 12:32pm Route 41 run.

Figure A-32 Route 41 Saturday Boardings & Alightings By Stop



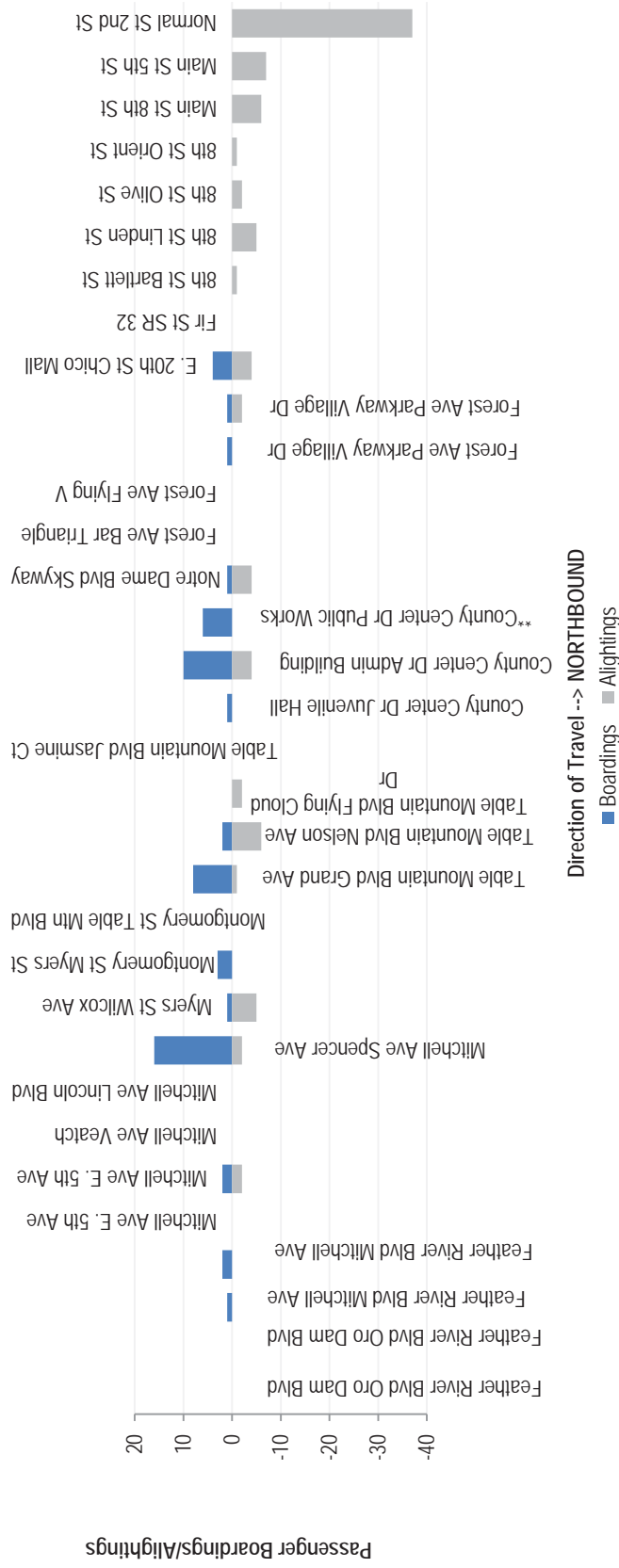
SUNDAY ROUTE PROFILES

Intercity Routes

Route 20 Chico – Oroville

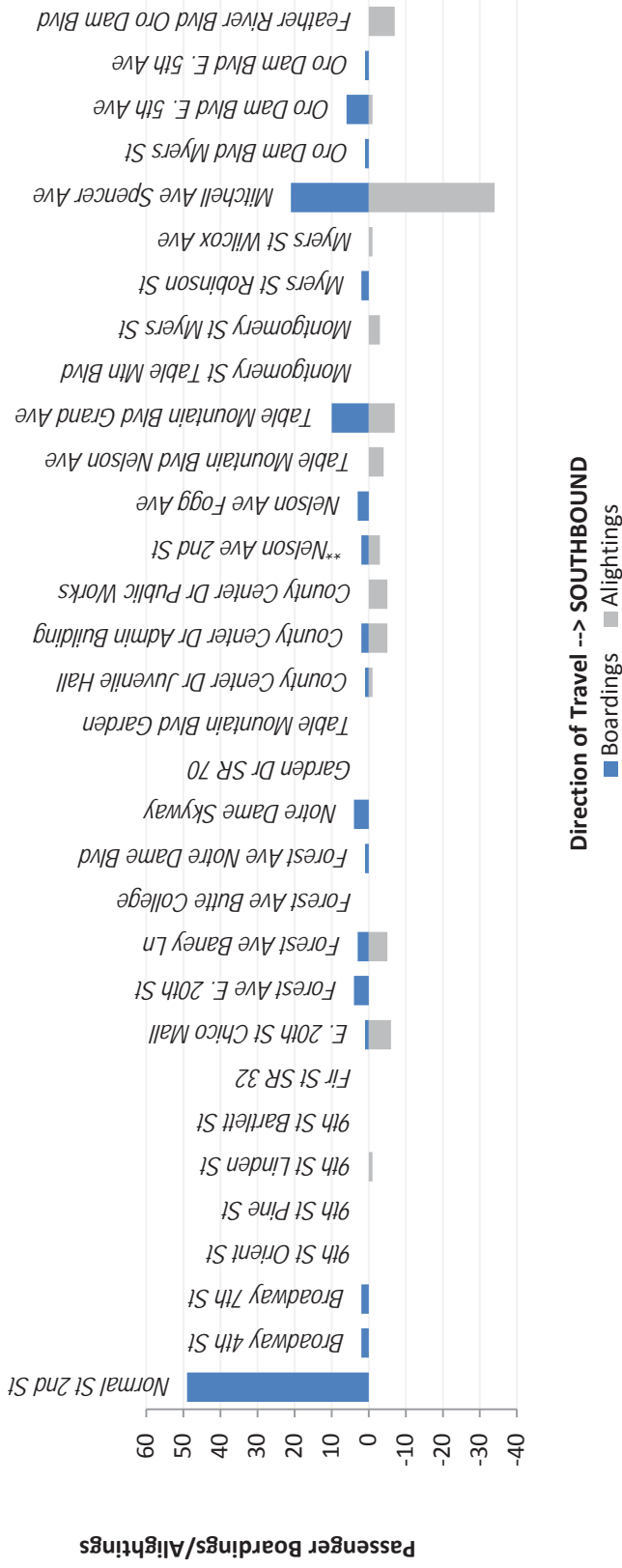
Note: on weekends, Route 20 completes an extra loop within Oroville to the south and west of the transit center, serving WalMart and other destinations along Oro Dam Boulevard before returning to the Oroville Transit Center and Chico.

Figure A-33 Route 20 Sunday Boardings & Alightings By Stop – Northbound



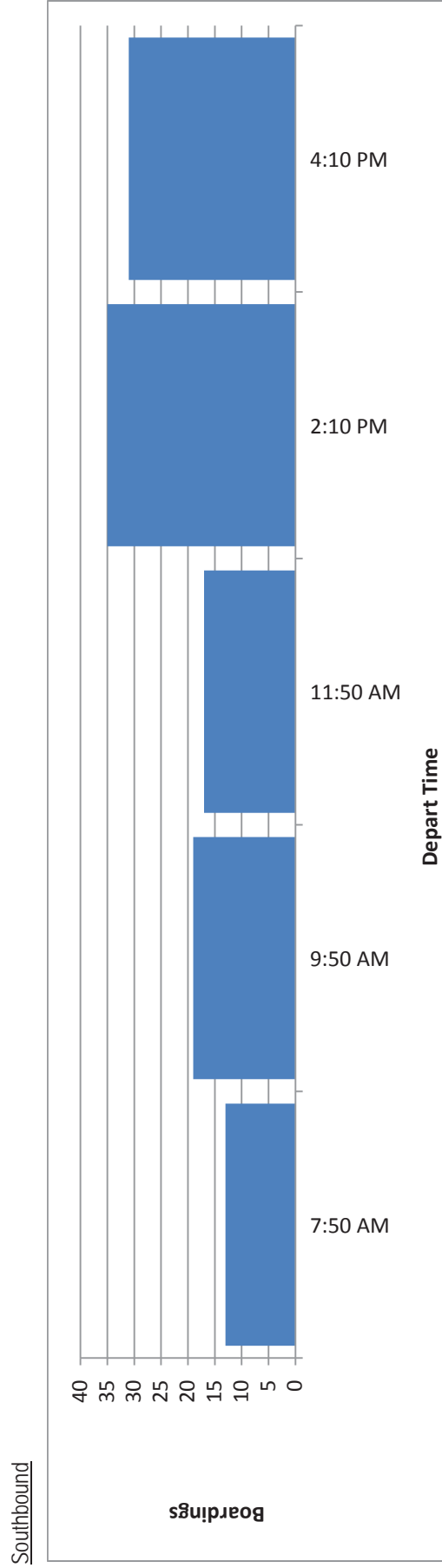
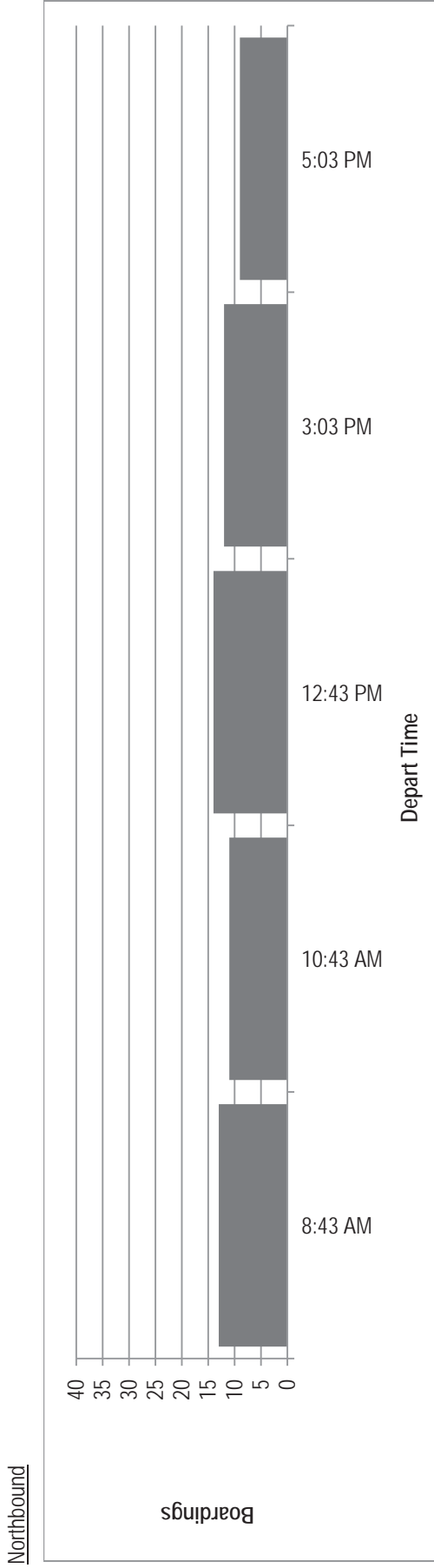
Note: a total of 39 passengers carried over onto Route 20 northbound from Route 20 southbound buses at Feather River Boulevard & Oro Dam Boulevard, the southern terminus on weekends.

Figure A-34 Route 20 Sunday Boardings & Alightings By Stop – Southbound



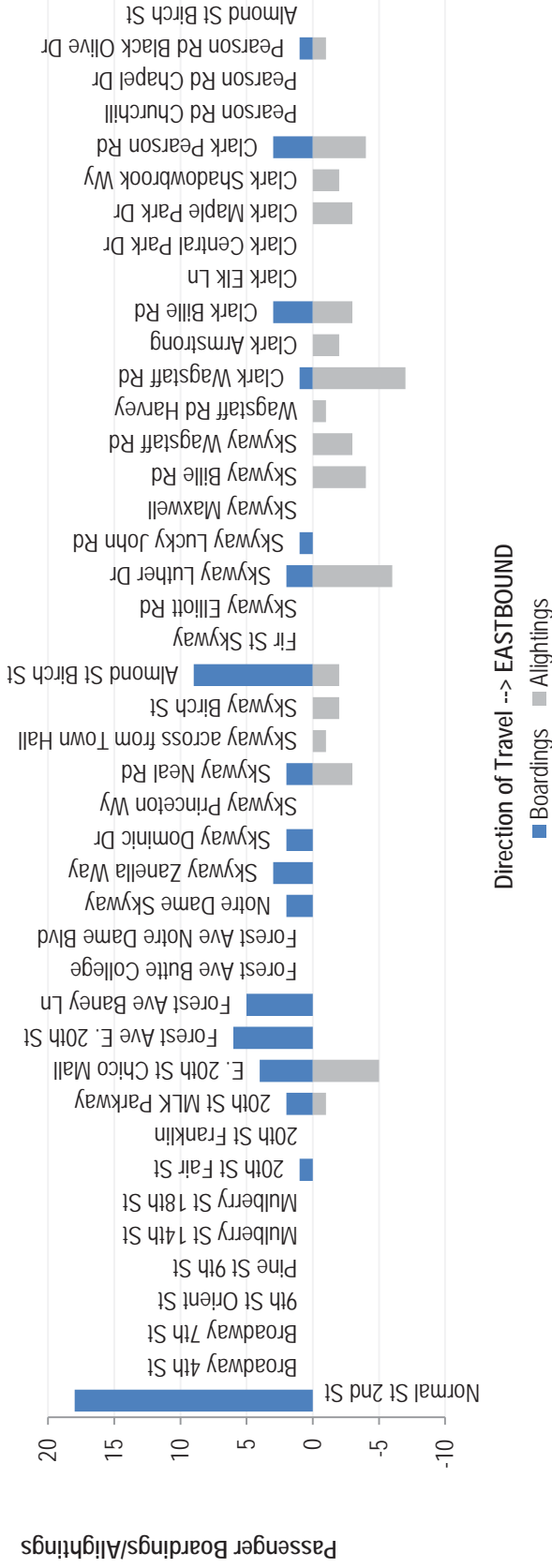
Note: a total of 7 passengers carried over onto Route 20 southbound already aboard buses at the Chico Transit Center.

Figure A-35 Route 20 Sunday Boardings by Trip – Northbound & Southbound



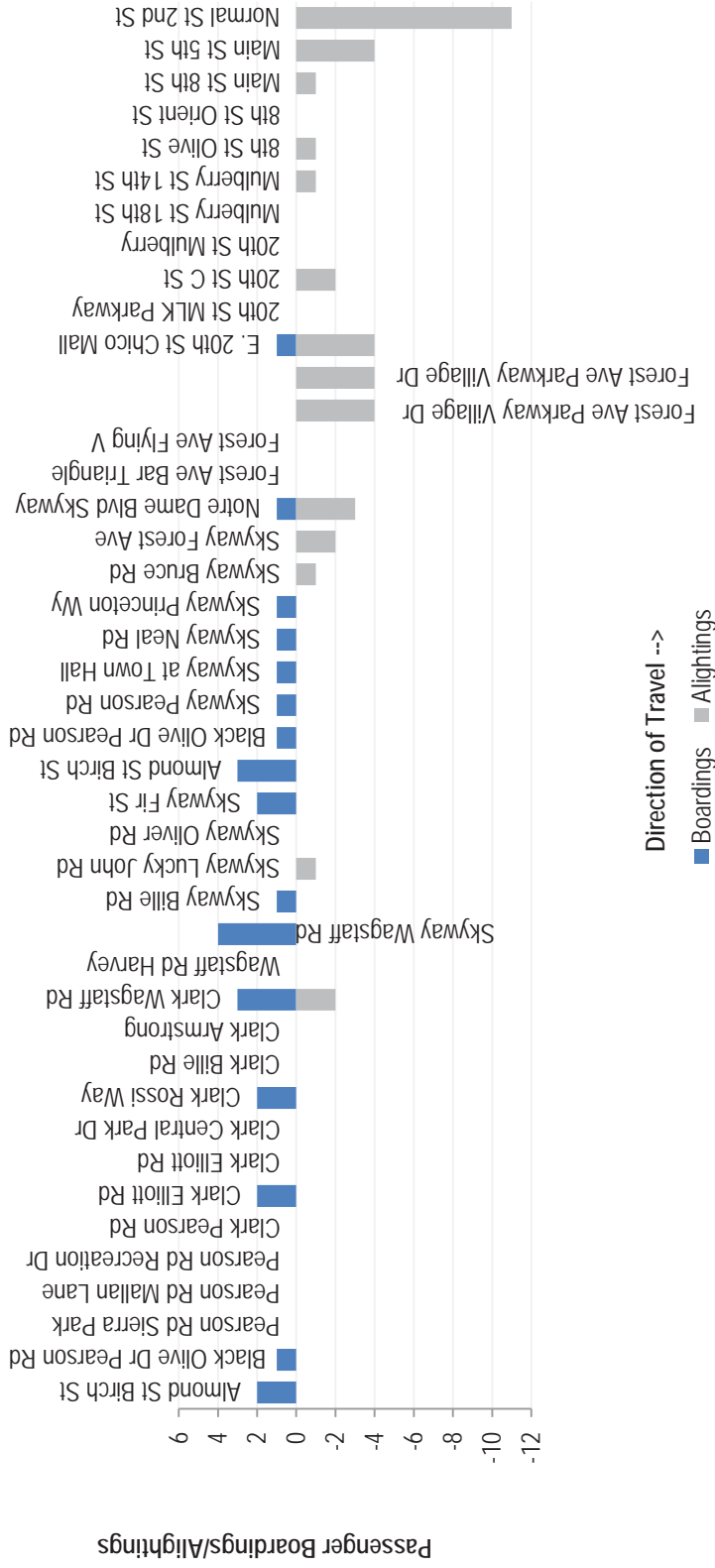
Route 40 Paradise – Chico

Figure A-36 Route 40 Sunday Boardings & Alightings By Stop – Eastbound



Note: a total of 3 passengers carried over onto Route 40 eastbound already aboard buses at the Chico Transit Center.

Figure A-37 Route 40 Sunday Boardings & Alightings By Stop – Westbound



Note: a total of 17 passengers carried over onto Route 40 westbound already aboard Route 40 eastbound buses at the Paradise Transit Center.

Figure A-38 Route 40 Sunday Boardings by Trip – Eastbound & Westbound

