

## Lead Agency Information

<b>Name:</b>	Shasta Regional Transportation Agency		
<b>Address:</b>	1255 East Street, Suite 202		
<b>City, State Zip Code:</b>	Redding, CA 96001		
<b>County:</b>	Shasta	<b>Regional Entity:</b>	Shasta
<b>Agency Website:</b>	<a href="https://www.srta.ca.gov/">https://www.srta.ca.gov/</a>		
<b>Approved Title VI (Date)*:</b>	12/13/2016		
<b>Link to Agency's Approved Title VI Plan:</b>	<a href="https://www.srta.ca.gov/DocumentCenter/View/3497">https://www.srta.ca.gov/DocumentCenter/View/3497</a>		

\*Please provide a copy of your FTA/Caltrans Approval Letter as an attachment to your FY18-19 LCTOP Allocation Request.

Allocation Request Prepared by	
<b>Name:</b>	Sean Tiedgen
<b>Title:</b>	Senior Transportation Planner
<b>Phone #:</b>	(530) 262-6185
<b>E-mail:</b>	<a href="mailto:stiedgen@srta.ca.gov">stiedgen@srta.ca.gov</a>

Contact (if different then "Prepared by")	
<b>Name:</b>	
<b>Title:</b>	
<b>Phone #:</b>	
<b>E-mail:</b>	

Authorized Agent	
<b>Name:</b>	Daniel S. Little
<b>Title:</b>	Executive Director
<b>Phone #:</b>	(530) 262-6191
<b>E-mail:</b>	<a href="mailto:dlittle@srta.ca.gov">dlittle@srta.ca.gov</a>

Legislative District Numbers						
<b>Assembly*:</b>	1					
<b>Senate*:</b>	1					
<b>Congressional*:</b>	1					

\*if you have more Districts please provide an attachment

## Project Summary

<b>Name:</b> <i>No more than 180 characters.</i>	Regional Reduced and Free Transit Fare Program					
<b>Description (Short):</b> <i>No more than 370 characters.</i>	A regional program providing reduced and free transit fares for riders of transit services provided by RABA and riders of CTSA services provided by Dignity Health Connected Living.					
<b>Type:</b>	Operations					
<b>Sub-Type</b>	Free or reduced fares					
<b>Total Years of Rollover:</b>	0			<b>Remaining years of Rollover:</b>	0	
<b>Start date (anticipated) :</b>	11/1/2019			<b>End date (anticipated) :</b>	11/30/2021	
<b>General Area (City/County) :</b>	Redding/Shasta					
<b>Specific Area (Lat-Long of the project in decimal degrees separated by a comma "," (e.g., 34.413775, -119.848624). For multiple locations, list each separated by a semicolon ";")</b>	40.583564, -122.392813					
<b>Project Life</b> - For capital projects, state the "Useful Life" of the project. For operation projects state the number of months service will be funded.						
<b>Capital:</b>				<b>Operations:</b>	24	
<b>Funding:</b>	<b>99313:</b>	\$329,232	<b>99314:</b>		<b>Total:</b>	\$329,232
<b>Approved LONP:</b>				<b>LONP Approval date:</b>		

## Funding Information

<i>LCTOP Allocation Year</i>	<b>Prior</b>	<b>FY 18-19</b>	<b>FY 19-20</b>	<b>FY 20-21</b>	<b>FY 21-22</b>	<b>FY 22-23</b>	<b>Total</b>
<b>PUC 99313 Amount:</b>		\$329,232					\$329,232
<b>PUC 99314 Amount:</b>		\$0					\$0
<b>Total LCTOP Funds:</b>	\$0	\$329,232	\$0	\$0	\$0	\$0	\$329,232
<b>Other GGR Funds:</b>							\$0
<b>Other Funds:</b>							\$0
<b>Total Project Cost:</b>	\$0	\$329,232	\$0	\$0	\$0	\$0	\$329,232

<b>Lead Agency:</b>	Shasta Regional Transportation Agency	<b>Amount:</b>	<b>PUC Funds Type:</b>
<b>Contact Person:</b>	Sean Tiedgen	\$329,232	99313
<b>Contact Phone #:</b>	(530) 262-6185	\$0	99314
<b>Contact E-mail:</b>	stiedgen@srta.ca.gov		

<b>Contributing Sponsor:</b>		<b>Amount:</b>	<b>PUC Funds Type:</b>
<b>Contact Person:</b>			99313
<b>Contact Phone #:</b>			99314
<b>Contact E-mails:</b>			

<b>Contributing Sponsor:</b>		<b>Amount:</b>	<b>PUC Funds Type:</b>
<b>Contact Person:</b>			99313
<b>Contact Phone #:</b>			99314
<b>Contact E-mails:</b>			

<b>Contributing Sponsor:</b>		<b>Amount:</b>	<b>PUC Funds Type:</b>
<b>Contact Person:</b>			99313
<b>Contact Phone #:</b>			99314
<b>Contact E-mails:</b>			

<b>Contributing Sponsor:</b>		<b>Amount:</b>	<b>PUC Funds Type:</b>
<b>Contact Person:</b>			99313
<b>Contact Phone #:</b>			99314
<b>Contact E-mails:</b>			

<b>Contributing Sponsor:</b>		<b>Amount:</b>	<b>PUC Funds Type:</b>
<b>Contact Person:</b>			99313
<b>Contact Phone #:</b>			99314
<b>Contact E-mails:</b>			

<b>Total FY 18-19 LCTOP Funding</b>	<b>\$329,232</b>
-------------------------------------	------------------

**Supplanting Funds** - Describe how the LCTOP funds will not supplant other funding sources.  
 The LCTOP funds will support reduced and/or free fares for riders of both RABA transit services and CTSA services provided by Dignity Health Connected Living, and informational materials to inform riders of the reduced/free fare events. LCTOP funds do not supplant or replace any other funding.

**Fully Funded Project** - Provide a description of the status of all the funds to be used to completely fund this project.  
 LCTOP funds are the only funds planned to fund this project.

## Funding Plan

Proposed Total Project Cost								
Component	Prior	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Total
PA&ED	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
PS&E	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
R/W	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
CON	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Veh/Equip Purchase	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operations/Other	\$0	\$329,232	\$0	\$0	\$0	\$0	\$0	\$329,232
<b>TOTAL</b>	<b>\$0</b>	<b>\$329,232</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$329,232</b>

Low Carbon Transit Operations Program (LCTOP)								
Component	Prior	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Total
PA&ED								\$0
PS&E								\$0
R/W								\$0
CON								\$0
Veh/Equip Purchase								\$0
Operations/Other		\$329,232						\$329,232
<b>TOTAL</b>	<b>\$0</b>	<b>\$329,232</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$329,232</b>

Funding Source:								
Component	Prior	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Total
PA&ED								\$0
PS&E								\$0
R/W								\$0
CON								\$0
Veh/Equip Purchase								\$0
Operations/Other								\$0
<b>TOTAL</b>	<b>\$0</b>							

Funding Source:								
Component	Prior	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Total
PA&ED								\$0
PS&E								\$0
R/W								\$0
CON								\$0
Veh/Equip Purchase								\$0
Operations/Other								\$0
<b>TOTAL</b>	<b>\$0</b>							

Funding Source:								
Component	Prior	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Total
PA&ED								\$0
PS&E								\$0
R/W								\$0
CON								\$0
Veh/Equip Purchase								\$0
Operations/Other								\$0
<b>TOTAL</b>	<b>\$0</b>							

## Funding Plan

Funding Source:								
Component	Prior	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Total
PA&ED								\$0
PS&E								\$0
R/W								\$0
CON								\$0
Veh/Equip Purchase								\$0
Operations/Other								\$0
<b>TOTAL</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Funding Source:								
Component	Prior	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Total
PA&ED								\$0
PS&E								\$0
R/W								\$0
CON								\$0
Veh/Equip Purchase								\$0
Operations/Other								\$0
<b>TOTAL</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Funding Source:								
Component	Prior	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Total
PA&ED								\$0
PS&E								\$0
R/W								\$0
CON								\$0
Veh/Equip Purchase								\$0
Operations/Other								\$0
<b>TOTAL</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Funding Source:								
Component	Prior	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Total
PA&ED								\$0
PS&E								\$0
R/W								\$0
CON								\$0
Veh/Equip Purchase								\$0
Operations/Other								\$0
<b>TOTAL</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

Funding Source:								
Component	Prior	FY 18-19	FY 19-20	FY 20-21	FY 21-22	FY 22-23	FY 23-24	Total
PA&ED								\$0
PS&E								\$0
R/W								\$0
CON								\$0
Veh/Equip Purchase								\$0
Operations/Other								\$0
<b>TOTAL</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

## **Project/Agency Information**

**Project Description** - Describe the project using comprehensive overall project description regarding improvements to be made and/or increased level of service (include for operations projects number of trips, span, frequency improvements and number of days of operation; for capital projects include product specifications). *No more than 10 lines.*

Project funds would be used to provide reduced or free fares for transit services provided by both the Redding Area Bus Authority (RABA) and Dignity Health Connected Living (DHCL), and informational materials to alert riders of reduced/free fare events over a two year period. Single ticket fares would be reduced between \$0.75 - \$5.00 depending on the fare and eligible rider category. Additionally, monthly passes would be reduced between \$24.00 - \$82.00 depending on the eligible rider category. Informational materials would include items such as posters, flyers, fare materials, social media announcements, promotional materials, and radio or other electronic formats to inform the community when reduced and free fare events will be held.

**Agency Service Area** - Describe the project area including the city, town, community (rural, suburban, urban & demographics). *No more than 10 lines.*

The service area covers the Shasta County region. The RABA service area covers approximately 100 square miles and includes the cities of Anderson, Redding and Shasta Lake, and portions of unincorporated Shasta County (see attached map). CTSA services are provided by DHCL throughout Shasta County, but generally outside of the RABA service area. The CTSA service area includes areas within the cities of Anderson, Redding and Shasta Lake, the communities of Happy Valley, Cottonwood, Bella Vista, Palo Cedro, Millville, Old Shasta, and Lakehead, and other areas throughout Shasta County where requested. See community map for reference.

**Agency Service** - Describe the service you provide and how the project plays into your overall operations plan. *No more than 10 lines.*

RABA provides fixed-route, express, and paratransit services in the Shasta County region over a 100 square mile area. Transit services are provided Monday-Friday from 5:30 AM to 7:30 PM and Saturdays from 8:35 AM to 7:30 PM. RABA paratransit services are provided to individuals who are disabled and unable to ride fixed-route services, within 3/4 mile of the fixed-routes. DHCL provides advanced reservation door-to-door services to those 60 years of age or older, and mobility impaired persons 18 years of age or older, who cannot ride RABA fixed-route services and do not qualify for RABA's paratransit services. DHCL provides transit services Monday-Friday from 7:30 AM to 3:30 PM. This project would reduce transit fares for riders and encourage new riders to take transit. This would ensure RABA and DHCL receive fare revenues and may increase fare revenues due to new riders taking transit.

**Agency Fare** - Describe the fare structure for your system and how the project will affect that structure if at all.

The project reduces fares between \$0.75-\$5.00 per trip and between \$24-\$82 per monthly pass. This would result in some fares/passes being free. DHCL charges a fare of \$3.00 per trip for CTSA services. RABA has fares for different services based on rider categories: Fixed-route: \$1.50 per trip and \$0.75 zone charge for riders age 6-17 and age 18-61; \$0.75 per trip and \$0.35 zone charge for riders age 62+, disabled, and medicare eligible; Burney Express: \$2.00 - \$5.00 for all riders depending on location; Paratransit: \$3.00 per trip and \$1.50 per zone for all passengers; Monthly pass: Youth (6-17) \$29.00; Adult (18-61): \$48.25 or \$82.00; Senior (62+)/Disabled/Medicare: \$24.00 or \$41.00.

## **Project/Agency Information (continued)**

**Project Costs** - Describe the assumptions and process for how the projects costs were developed. *No more than 10 lines.*

FY 2018/19 LCTOP funds total \$329,232. A flat amount of \$60,000 would be used to provide physical and electronic informational materials to let existing riders and community members know when reduced and/or free fare events would be provided during the two-year period. The remaining funds (\$269,232) would be used to provide the reduced or free fare events. SRTA would coordinate with RABA and DHCL on the reduce/free fare events. It's estimated that individual fares or passes will be provided annually, by service, as follows: CTSA services: 13,000 fares; RABA paratransit: 57,000 fares; RABA Burney Express: 5,000 fares; RABA fixed-route: 368,000 fares and 2,860 monthly passes. On average, fares may be reduced by \$1.50 and passes may be reduced by \$48.25 during the reduced/free fare events over the two year period. This may change depending on the number of reduced/free fare events or days SRTA, RABA and DHCL decide to hold in the region.

**Project Planning** - Explain the planning process this project went through, including any public outreach/input, or workshop

SRTA annually conducts a Transit Needs Assessments to seek input from the community about how the region can meet transit needs better. A common comment received during these processes is to keep fares low for riders, especially for those with fixed or low incomes. Ridership and fare data was analyzed to determine how the region could provide reduced/free fares to encourage more use of the system, including encouraging more choice riders. SRTA presented ideas for input from RABA and DHCL and regional partners.

**Environmental Justice** - Explain how your agency designed the project to avoid substantial burden on *any* low income disadvantaged community.

The regional reduced/free fare program will reduce the overall transit costs for all low income community members during the project period.

## Project GHG Benefits

**Greenhouse Gas Reductions** - Describe qualitatively how this project will reduce greenhouse gas emissions. For example, expanded/enhanced transit service will improve headways thus making transit a more convenient option of transportation thus increasing ridership, reducing Vehicle Miles Traveled (VMT) and reducing GHG.

The project would provide reduced or free fares for regional transit services. This would encourage more use of the system by existing riders and encourage new riders to try transit, thereby reducing VMT associated with automobile trips.

**Greenhouse Gas Reductions** - Please provide quantitative information requested below and explanation/support for the data provided.

	Value	Explanation
<b>Year 1 (Yr1)</b> - <i>First year of service, or year that capital improvements will be completed.</i>	2019	The program is anticipated to start during the month of November 2019.
<b>Year F (YrF)</b> - <i>Final year that the service is funded or the final year of the capital improvements useful life.</i>	2021	The program is anticipated to end by November 2021.
<b>Project Yr1 Ridership</b> - <i>Estimated annual ridership contributed by the new service or capital improvement in Yr1.</i>	2,229	It's estimated that approximately 443,000 individual fares and 2,860 monthly passes would be distributed annually, of which 0.5% of fares and passes sold is anticipated to be new riders.
<b>Project F Yr. Ridership</b> - <i>Estimated annual ridership contributed by the new service or capital improvement in YrF.</i>	2,229	It's estimated that approximately 443,000 individual fares and 2,860 monthly passes would be distributed annually, of which 0.5% of fares and passes sold is anticipated to be new riders.
<b>Adjustment (A)</b> - <i>Adjustment factor to account for transit dependency. Default: 0.5 for local bus service and 0.83 for long distance commute service.</i>	0.50	Used default adjustment factor for local bus service.
<b>Trip Length (L)</b> - <i>Length (miles) of average auto trip reduced or average passenger trip length (miles).</i>	6.00	Based on the average regional auto trip length per the regional travel model.
<b>Project Useful Life</b>	2	<b>This is calculated based on the values above.</b>
<b>Total Project Ridership Increased</b>	4,458	<b>This is calculated based on the values above.</b>
<b>Total Project VMTs Reduced</b>	13,374	<b>This number is calculated based on the values above.</b>
<b>Estimated Total Project GHG (mtco2) Reduction:</b>	6.54	<b>This number is calculated based on the values from above and the QM-Tool tab.</b>
<b>LCTOP Emission Reductions /Total LCTOP Funds Requested</b>	19.85299	<b>This number is calculated based on the values from above and the QM-Tool tab.</b>

## Project Benefits

**Job Support Benefits (Refer to Read Me for more information)**

<b>Primary Project Activity</b> <i>(select from drop down)</i>	Transit subsidies
<b>% of Project Budget Associate with Primary Activity</b>	100%
<b>Secondary Project Activity</b> <i>(select from drop down)</i>	
<b>% of Project Budget Associate with Tertiary Activity</b>	
<b>Secondary Project Activity</b> <i>(select from drop down)</i>	
<b>% of Project Budget Associate with Tertiary Activity</b>	

**Travel Cost Savings Benefits**

	<b>Value</b>	<b>Explanation</b>
<b>Standard Fare Cost for Project (\$/Trip)</b>	<b>\$12.15</b>	Due to there being several fares, this represents an average fare per trip for all combined RABA and DHCL fares (individual and passes).
<b>Reduced Fare Cost (\$/Trip)</b>	<b>\$6.08</b>	Due to there being several fares, this represents an average reduced fare per trip for all combined RABA and DHCL fares (individual and passes).
<b>Transit Facility Parking Cost (\$/Trip)</b>	<b>\$0.00</b>	No transit facilities to charge fees.
<b>Avoided Parking Cost (\$/Trip)</b>	<b>\$0.00</b>	No known parking fees in service area
<b>Avoided Toll Cost (\$/Trip)</b>	<b>\$0.00</b>	No tolls in the region.

**Transit Mode Share (increase mobility):** Describe how this project will increase transit mode share (increase mobility).

The project would encourage more choice riders and visitors to utilize the transit services to reach popular destinations and connections to other transit services.

**Co-Benefits - Check all additional Benefits/Outcomes.**

- |   |  |
|---|--|
| <input type="checkbox"/> Improved Safety<br><input checked="" type="checkbox"/> Improved Public Health<br><input type="checkbox"/> Reduced Operating/Maintenance Costs<br><input type="checkbox"/> Increase System Reliability<br><input type="checkbox"/> Other Benefits | <input type="checkbox"/> Coordination with Educational Institution<br><input type="checkbox"/> College <input type="checkbox"/> Grades K-12<br><input checked="" type="checkbox"/> Promotes Active Transportation<br><input checked="" type="checkbox"/> Promotes Integration w/ other modes |
|---|--|

**Co-Benefits - Describe benefits indicated above and other benefits not listed.**

Active Transportation/Improve Public Health - Riders could also reach active transportation destinations, such as the Sacramento River Trail and other recreational trails. Vehicles have bike racks that encourage riders to bike to/from bus stops. More trips by transit reduces pollutants of auto trips. Integration with other modes - riders could utilize the system to connect to interregional public transportation to other nearby counties, to other areas of California and other states via the RABA Downtown Transfer Center.

## Priority Populations Benefits

<b>Does your Service Area have a Disadvantaged Community?</b> (as defined by SB 535)	No
<b>Is the project located within the boundaries of a disadvantaged community census tract?</b>	No
<b>Is the project located within the boundaries of a low-income community census tract?</b>	Yes
<b>Is the project located outside of a disadvantaged community, but within 1/2 mile of a disadvantage community and within a low-income census tract?</b>	No
<b>Is the project a new or expanded transit service that connects with transit service serving a disadvantaged communities?</b>	No
<b>Is the project a transit fare subsidies or network and fare integration technology improvements, including, but not limited to, discounted or free student transit passes</b>	No
<b>Is the project a purchase of zero-emission transit buses and/or supporting infrastructure?</b>	No

<b>Identify the Project Census Tract(s)</b> (please use the 10-digit identification code) :	06089012603, 06089010806, 06105000300, 06063000501, 06103000100, 06103000300, 06089011002, 06089011703, 06093001200, 06093001100, 06105000101, 06089010300, 06089010400, 06089010900, 06089011300, 06089012000, 06089012301, 06035040200, 06089011600, 06089010500, 06089012500, 06089011500, 06089012701, 06089012200, 06089012601
--	---

<b>Identify an important community or household need and evaluate whether the project provides a benefit that meaningfully addresses that need.</b> (For more information please review Read Me) :	D. Where direct engagement is infeasible, refer to the list of common needs for disadvantaged communities in CARB’s Funding Guidelines Table 2-2 and select a project that addresses a listed need.
--	---

<b>Identify Specific Common Needs of Priority Populations</b> (if you select letter D. in question above):	ECON 5 Reduce transportation costs (e.g., free or reduced cost transit passes) and improve access to public transportation (e.g., new services in under-served urban and rural communities).
--	--

<b>Priority Populations Community Need:</b> Describe, in detail the identified community need(s) and how the project meets the need(s), including the levels of community engagement.
SRTA consulted with transit partners to determine community needs and ways to encourage more ridership; reducing or providing free fares was discussed based on input from prior Transit Needs Assessments and input at Social Services Technical Advisory Committee (SSTAC) meetings. We also reviewed the common needs of AB 1550 populations described in Table 2-2 (Appendix B). The project will help reduce transportation costs for all riders.

<b>Identify the Specific Priority Population Benefit:</b>	B. Project provides transit incentives to residents of a disadvantaged or low-income community or a low-income household (e.g., transit vouchers, reduced transit fares, transit passes);
---	---

**DAC Benefit** - Explain, in your own words, how the project will benefit Disadvantaged Community(ies) within your service area.

No DACs located within service area or region.

**Low-Income Community or Low-Income Household Benefit** - Explain, in your own words, how the project will benefit Low-Income Community(ies) or Low-Income Households within the project area.

The project will reduce Household transportation costs through reduced or free transit fares or passes for all communities, including low-income communities.

**Low-Income Community or Low-Income Household within 1/2 a mile of a Disadvantaged Community Benefit** - Explain, in your own words, how the project will benefit Low-Income Community(ies) or Low-Income Households within the project area.

<b>Amount funds to benefit a DAC: \$</b>	0
<b>Amount funds to benefit Low-Income Households &amp; Residents: \$</b>	329,232
<b>Amount funds to benefit Low-Income Households or Resident within 1/2 mile of a DAC: \$</b>	0



**California Air Resources Board**  
**Benefits Calculator Tool for the**  
**Low Carbon Transit Operations Program**  
**California Climate Investments**

Inputs	Required	Description
<b>SECTION 1:</b> This section is used to determine the quantification method and emission factors to use to estimate emissions.		
<b>Project Type</b>	Free or reduced fares	
<b>Quantification Method</b>	Increased Ridership	Automated Emission Estimates = Emission Reductions from Displaced Autos
<b>Type of Region</b>	County	Yes The region that best encompasses the geographic location for the proposed project type.
<b>Region</b>	Shasta	Yes The county where the majority of the service occurs.
<b>Year 1 (Yr1)</b>	2019	Yes The first year of operation for the new expanded/enhanced service - funded by FY 2018-19 LCTOP funds.
<b>Year F (YrF)</b>	2021	Yes The final year of operation for the new expanded/enhanced service - funded by FY 2018-19 LCTOP funds.
<b>Quantification Period</b>	2	Calculated The number of years the service is funded by FY 2018-19 LCTOP funds.
<b>SECTION 2:</b> This section is used to estimate the emission and cost reductions from displaced auto vehicle miles traveled (VMT).		
<b>Service Type</b>	Local/ Intercity Bus (Short Distances)	Yes The transit service (e.g., Intercity/Express Bus (Long Distance), Light Rail, Vanpool etc.) directly associated with the the proposed project. For projects that support multiple services, select Multi-modal.
<b>Yr1 Ridership</b>	2,229	Yes The increase in annual unlinked passenger trips directly associated with the proposed project in the first year.
<b>YrF Ridership</b>	2,229	Yes The increase in annual unlinked passenger trips directly associated with the proposed project in the final year. If the ridership is not expected to change, the same value should be input for Yr1 and YrF.
<b>Adjustment Factor (A)</b>	0.50	Yes Discount factor applied to annual ridership to account for transit-dependent riders.
<b>Length of Average Trip (L)</b>	6.00	Yes Annual passenger-miles over unlinked trips directly associated with the proposed project.
<b>Passenger VMT Reductions</b>	13,374	Calculated The estimated displaced auto VMT from the proposed project.
<b>GHG Emission Reductions</b>	7	Calculated The estimated GHG emission reductions in metric tons (MT) of carbon dioxide equivalent (CO2e) from displaced auto VMT from the proposed project.
<b>SECTION 3:</b> This section is used to estimate the net emission reductions from new service or from the purchase of new zero-emission/hybrid vehicle(s).		
<b>Vehicle Type</b>		No Not applicable for this project type.
<b>Engine Tier</b>		No Not applicable for this vehicle type.
<b>Hybrid Vehicle</b>		No Not applicable for this project type.
<b>Fuel/Energy Type</b>		No Not applicable for this project type.
<b>Project Specific Emission Factor</b>		No Not applicable for this service type.
<b>Model Year</b>		No Not applicable for this project type.
<b>Annual VMT</b>		No Not applicable for this project type.
<b>Annual Fuel/Energy</b>		No Not applicable for this project type.
<b>GHG Emissions</b>	Not Applicable	Calculated Not applicable for this project type.

SECTION 4: This section is used to estimate the net emission reductions from vehicle replacement as a result of the proposed project.			
Additional GHG Reductions		No	Not applicable for this project type.
Vehicle Type		No	Not applicable for this project type.
Engine Tier		No	Not applicable for this vehicle type.
Fuel/Energy Type		No	Not applicable for this project type.
Model Year		No	Not applicable for this project type.
Annual VMT		No	Not applicable for this project type.
Annual Fuel/Energy		No	Not applicable for this vehicle type.
GHG Reductions	Not Applicable	Calculated	Not applicable for this project type.
SECTION 5: This section is used to estimate the net emission reductions from fuel/energy reductions as a result of the proposed project.			
Additional GHG Reductions		Optional	Select Not Applicable unless additional fuel/energy savings may be realized.
Vehicle Type		No	Not applicable for this project type.
Engine Tier		No	Not applicable for this vehicle type.
Fuel/Energy Type		No	Not applicable for this project type.
Model Year		No	Not applicable for this project type.
Annual Fuel/Energy		No	Not applicable for this vehicle type.
GHG Reductions	Not Applicable	Calculated	Not applicable for this project type.
SECTION 6: This section calculates the greenhouse gas (GHG) emission reductions achieved by the proposed project.			
Total Project GHG Reductions	7	Calculated	Total GHG emission reductions (MTCO <sub>2</sub> e) from the project during the useful life.
LCTOP Project GHG Reductions	7	Calculated	The portion of GHG emission reductions attributable to funding from LCTOP; GHG emission reductions are prorated according to the level of program funding contributed from LCTOP and other CCI programs, as applicable.



**California Air Resources Board**  
**Benefits Calculator Tool for the**  
**Low Carbon Transit Operations Program**  
**California Climate Investments**

<b>Project Information</b>	
Project Name	Regional Reduced and Free Transit Fare Program
FY 2018-19 LCTOP GGRF Funds Requested (\$)	\$ 329,232
Total LCTOP GGRF Funds (\$)	\$ 329,232
Total GGRF Funds (\$)	\$ 329,232
Non-GGRF Leveraged Funds (\$)	\$ -
Total Funds (\$)	\$ 329,232

  

<b>GHG Summary</b>	
Total LCTOP GHG Emission Reductions (MTCO <sub>2</sub> e)	7
Total GHG Emission Reductions (MTCO <sub>2</sub> e)	7
Total GHG Emission Reductions per Total LCTOP GGRF Funds (MTCO <sub>2</sub> e/\$million)	20
Total GHG Emission Reductions per Total GGRF Funds (MTCO <sub>2</sub> e/\$million)	20



**California Air Resources Board**  
**Benefits Calculator Tool for the**  
**Low Carbon Transit Operations Program**  
**California Climate Investments**

Project Name	Regional Reduced and Free Transit Fare Program
<b>Co-benefits and Key Variables Summary</b>	
	<b>LCTOP GGRF Funds</b>
Diesel PM emission reductions (lbs)	1
NOx emission reductions (lbs)	4
PM2.5 emission reductions (lbs)	1
ROG emission reductions (lbs)	1
Passenger VMT reductions (miles)	13,374
Fossil fuel use reductions (gallons)	0
Fossil fuel energy use reductions (kWh)	N/A
Renewable energy generated (kWh)	N/A
Travel cost savings (\$)	\$7,267
Energy and fuel cost savings (\$)	\$0
	<b>Additional California Climate Investments Program(s)</b>
Diesel PM emission reductions (lbs)	N/A
NOx emission reductions (lbs)	N/A
PM2.5 emission reductions (lbs)	N/A
ROG emission reductions (lbs)	N/A
Passenger VMT reductions (miles)	0
Fossil fuel use reductions (gallons)	0
Fossil fuel energy use reductions (kWh)	N/A
Renewable energy generated (kWh)	N/A
Travel cost savings (\$)	N/A
Energy and fuel cost savings (\$)	N/A
	<b>Total California Climate Investments</b>
Diesel PM Emission Reductions (lbs)	1
NOx emission reductions (lbs)	4
PM2.5 emission reductions (lbs)	1
ROG emission reductions (lbs)	1
Passenger VMT reductions (miles)	13,374
Fossil fuel use reductions (gallons)	0
Fossil fuel energy use reductions (kWh)	N/A
Renewable energy generated (kWh)	N/A
Travel cost savings (\$)	\$7,267
Energy and fuel cost savings (\$)	\$0



**California Air Resources Board**  
**Benefits Calculator Tool for the**  
**Low Carbon Transit Operations Program**  
**California Climate Investments**

Total Full-time Equivalent Jobs Supported by Project Budget	9.3
Total Full-time Equivalent Jobs Supported by Project GGRF Funds	9.3
Full-time Equivalent Jobs Directly Supported by Project GGRF Funds	6.9
Full-time Equivalent Jobs Indirectly Supported by Project GGRF Funds	0.8
Full-time Equivalent Induced Jobs Supported by Project GGRF Funds	1.6

**Note:**

It is not appropriate to directly compare the job estimates from this Job Co-benefit Modeling Tool to the GGRF project dollars. California Climate Investments facilitate greenhouse gas emission reductions and deliver a suite of economic, environmental, and public health co-benefits, including job co-benefits. A different mix of spending on materials, equipment, and labor is expected across various California Climate Investments project types and match funding arrangements. As such, some project types will support more jobs than others.

## Project Location Information

#	ID	Name	Latitude	Longitude	Priority Population
1		Lake Blvd at Clay St	40.613632	-122.385077	
2		Lake Blvd at St. Marks St (Splish Splash Auto	40.616604	-122.392485	
3		Lake Blvd at Tamarack Dr	40.620785	-122.400624	
4		Lake Blvd at Keswick Dam Rd	40.625991	-122.404914	
5		Lake Blvd at Oasis Rd	40.627733	-122.405081	
6		Lake Blvd at Hiatt Dr (Buckeye School of the ,	40.631194	-122.404994	
7		Lake Blvd n/o Aarly Ln (Park Villa MHP)	40.638179	-122.402142	
8		Lake Blvd n/o Dean Rd (Richard's Automotive	40.645505	-122.397404	
9		Lake Blvd at Pine Cone Dr (Across from Buck	40.651813	-122.396760	
10		Lake Blvd at Newtown Rd (Gateway Commur	40.656622	-122.396505	
11		Lake Blvd at Pine Grove Ave	40.662181	-122.396270	
12		Hill Blvd at Ranchera Rd (Rancho Pines)	40.679247	-122.401596	
13		Shasta Dam Blvd at Lake Blvd (Across from T	40.690953	-122.401896	
14		Shasta Dam Blvd at Sacramento St (Margret '	40.690537	-122.397326	
15		Shasta Dam Blvd at Shasta Park Dr (Twin Lal	40.687351	-122.387268	
16		Shasta Dam Blvd at Givan St	40.682425	-122.376707	
17		Shasta Dam Blvd at Montana Ave	40.680796	-122.371227	
18		Shasta Dam Blvd at Hardenbrook Ave	40.680468	-122.366834	
19		Shasta Dam Blvd at Median Ave (Car Wash)	40.680367	-122.363930	
20		Shasta Dam Blvd at Grand Coulee Blvd	40.680153	-122.358034	
21		Cascade Blvd at Shasta Dam Blvd (Rite Aide)	40.679753	-122.351210	
22		Cascade Blvd at Morningstar Way (Across fro	40.676052	-122.353807	
23		Cascade Blvd at Cottage Ave	40.665028	-122.357348	
24		Cascade Blvd at Mulberry St (Elegant Home f	40.659071	-122.358055	
25		Cascade Blvd at Autumn Harvest Way	40.654963	-122.359929	
26		Cascade Blvd at Riddle Rd (Oasis Fun Cente	40.653089	-122.361108	
27		Cascade Blvd at Oasis Rd (AM/PM Mini Mkt)	40.642466	-122.367140	
28		Oasis Rd at Randolph Rd	40.640541	-122.375090	
29		Oasis Rd at Beltline Rd	40.633278	-122.391330	
30		Oasis Rd e/o Dickson Dr (Oasis Community €	40.630649	-122.399287	
31		Redwood Blvd at Caterpillar Rd (Shasta Cnty	40.624651	-122.381061	
32		Redwood Blvd at Butternut Trail	40.621456	-122.380901	
33		Redwood Blvd at Marijean Way	40.618440	-122.375958	
34		Northpoint Dr at Redwood Blvd	40.613693	-122.376190	
35		Twin View Blvd at Midway Dr (Shascade)	40.620573	-122.370643	
36		Northpoint Dr at Lake Blvd (Raley's)	40.611609	-122.380804	
37		Caterpillar Rd at Redwood Blvd	40.625618	-122.378081	
38		Caterpillar Rd at Prestige Way	40.625460	-122.372759	

39	Caterpillar Rd at Grand Ave	40.625280	-122.368506
40	Northpoint Dr at Redwood Blvd	40.613540	-122.376136
41	Northpoint Dr at Lake Blvd (Raley's)	40.611707	-122.380939
42	Lake Blvd at Tamarack Dr	40.620566	-122.400693
43	Lake Blvd at Panorama Dr	40.618947	-122.397183
44	Lake Blvd at Clay St	40.613621	-122.385481
45	Lake Blvd at Keswick Dam Rd	40.625990	-122.405244
46	Twin View Blvd at Valleyridge Dr	40.617085	-122.373149
47	Twin View Blvd at Caterpillar Rd (Shasta Inbo	40.622479	-122.369212
48	Hill Blvd at Pine Ave (Summit City Post Office	40.686760	-122.401604
49	Lake Blvd at St. Marks St	40.616266	-122.392401
50	Shasta View Dr at Tarmac Rd	40.575339	-122.324501
51	Magnolia Ave at Tehama St (Magnolia Terrac	40.583053	-122.401860
52	Orange Ave at Shasta St	40.583528	-122.403811
53	11th St at Eureka Way	40.586707	-122.400078
54	Orange Ave at Eureka Way	40.585878	-122.404764
55	S. Market St at Grange St (Good News Resc	40.568290	-122.388117
56	Court St at Shasta St (Rite Aid)	40.585691	-122.396951
57	S. Market St at Lincoln St	40.578556	-122.388495
58	Magnolia Ave at Eureka Way	40.586130	-122.403114
59	Court St at Gold St	40.579221	-122.394177
60	Court St at Sonoma St	40.575353	-122.392736
61	Rosaline Ave at West St	40.573382	-122.394144
62	Court St at 11th St (Across from YMCA)	40.587155	-122.397908
63	Airpark Dr at Rosaline Ave (across from Merc	40.571676	-122.398655
64	2525 Airpark Dr (CH2M Hill)	40.571393	-122.402894
65	Airpark Dr at Sonoma St (CHP Office)	40.573704	-122.404931
66	Airpark Dr at Gold St (St. Joseph Church)	40.576130	-122.404667
67	Placer St at Mesa St	40.577514	-122.411067
68	Placer St at San Francisco St (across from Hc	40.575584	-122.414966
69	Buenaventura Blvd at Placer St	40.574857	-122.419405
70	Buenaventura Blvd at Eureka Way (Tops Fres	40.583215	-122.426476
71	Eureka Way at Whiskeytown Ct	40.585644	-122.413190
72	Eureka Way at Walnut Ave (across from Shas	40.586148	-122.406997
73	S. Market St at California St (Auto Spa Car W	40.571323	-122.388300
74	Buenaventura Blvd at N. Cal Ore Dr	40.579000	-122.424378
75	Trinity St at Liberty St	40.589767	-122.388612
76	Parkview Ave at Akard Ave (across from City	40.572070	-122.383027
77	Park Marina Dr at Locust St	40.574651	-122.372638
78	Park Marina Dr at Olympus Ave	40.581496	-122.371365
79	Park Marina Dr at SR 44 On/Off-Ramp (Shell	40.585635	-122.376418
80	Continental St at Butte St	40.586155	-122.385759

81	S. Market St at Ellis St (RABA office)	40.564876	-122.387539
82	Court St at Butte St (Shasta County Court Ho	40.583103	-122.395844
83	Radio Ln at Cerro Ln (Across from Juvenile H	40.547864	-122.380207
84	E. Bonnyview Rd at N. Bonnyview Rd (Bonny	40.542135	-122.376196
85	S. Bonnyview Rd at E. Bonnyview Rd	40.531565	-122.374874
86	Eastside Rd at Star Dr	40.522879	-122.381864
87	Eastside Rd at Waverly Ave	40.516674	-122.380800
88	Eastside Rd at Girvan Rd	40.513372	-122.380197
89	Cedars Rd at Concord Ln (Across from Shady	40.531099	-122.386971
90	Cedars Rd at Kenyon Dr	40.545541	-122.389522
91	Cedars Rd at Branstetter Ln (Kingdom Hall)	40.536843	-122.388984
92	Cedars Rd at Riviera Dr	40.547674	-122.389873
93	El Reno Ln at Westside Rd (Laundromat)	40.549447	-122.388002
94	Railroad Ave at Buenaventura Blvd (AM/PM M	40.554932	-122.389657
95	Railroad Ave at Grandview Ave	40.564332	-122.389622
96	Court St at Gold St	40.578935	-122.393799
97	Eastside Rd at North Dr	40.526217	-122.382451
98	E. Bonnyview Rd at Nicolet Ln	40.538788	-122.375643
99	Eastside Rd at S. Bonnyview Rd (Win River M	40.529467	-122.380305
100	Railroad Ave at Laurel Ave	40.566997	-122.390288
101	Railroad Ave at Grandview Ave	40.564703	-122.389915
102	Westside Rd at El Reno Ln	40.549350	-122.387546
103	Westside Rd at Kenyon Dr (near RV park)	40.544831	-122.386747
104	Westside Rd at Clear Creek Rd (Park & Ride)	40.516127	-122.381576
105	West St at Linden Ave	40.570337	-122.393129
106	Sheridan St at Court St (MLK Community Cer	40.572801	-122.392648
107	Canyon Creek Rd at Buenaventura Blvd	40.554102	-122.390191
108	Railroad Ave at Sheridan St	40.573149	-122.391381
109	Railroad Ave at Logan St	40.570852	-122.390988
110	SR 273 at Westwood Ave	40.523474	-122.382369
111	Breslauer Way at Veterans Ln (Across from s	40.549990	-122.382343
112	E. Bonnyview Rd at Willowbrae Ave	40.536545	-122.375286
113	Churn Creek Rd at Presidio St (Shasta Cente	40.582286	-122.354427
114	Churn Creek Rd at Mistletoe Ln (Arco AM/PM	40.578122	-122.353741
115	Churn Creek Rd at E. Cypress Ave (Walgreer	40.571814	-122.353286
116	Churn Creek Rd at Parsons Dr (El Mariachis I	40.565070	-122.353245
117	Churn Creek Rd at E. Cypress Ave (Rite Aid)	40.570376	-122.353275
118	Churn Creek Rd at Hartnell Ave (Graham Par	40.563183	-122.353263
119	Churn Creek Rd at Shirley Ln (across from Er	40.559351	-122.353207
120	Churn Creek Rd at Echo Rd (Marquis Shasta	40.555503	-122.353127
121	Churn Creek Rd at Loma Vista Dr	40.549693	-122.353026
122	Loma Vista Dr at Traverse St (across from La	40.549300	-122.360518

123	Bechelli Ln at Joaquin Ave	40.551123	-122.362433
124	Bechelli Ln at Layton Rd (Bechelli Oaks Apart	40.554834	-122.362463
125	Bechelli Ln at Wilshire Dr (Best Price Furnitur	40.561724	-122.362457
126	Bechelli Ln at 3rd St (Bike Shop)	40.558633	-122.362501
127	Bechelli Ln at Beagle Ln (Mission Square)	40.566919	-122.362534
128	Maraglia St e/o Hilltop Dr (K-Mart)	40.567483	-122.357410
129	Churn Creek Rd at Industrial St (Grocery Outl	40.575682	-122.352912
130	Churn Creek at Mistletoe Ln (Redding Bank o	40.578932	-122.353740
131	Bechelli Ln at E. Cypress Ave (Red Lion Inn)	40.571797	-122.362667
132	Dana Dr at Churn Creek Rd (Jack in the Box)	40.585638	-122.350325
133	Dana Dr at Bradford Way (Walmart)	40.585528	-122.343289
134	Victor Ave at Dana Dr	40.585986	-122.338689
135	Old Alturas Rd at Bradford Way (Winco)	40.587041	-122.344309
136	Old Alturas Rd at Friendly Rd (Cinemark)	40.588373	-122.347458
137	Old Alturas Rd at Bradford Way (Costco)	40.586752	-122.344511
138	Dana Dr at Bradford Way (across from Walm:	40.585812	-122.344204
139	Dana Dr at Friendly Rd (Target)	40.585866	-122.348304
140	Bechelli Ln at Hartnell Ave (Arco AM/PM)	40.564024	-122.362492
141	Bechelli Ln at Leila Ave	40.569294	-122.362829
142	Bechelli Ln at 3rd St (Country Club Shopping	40.559957	-122.362755
143	Bechelli Ln at Layton Rd	40.556407	-122.362764
144	Loma Vista Dr at Traverse St (Lassen View E	40.549163	-122.359669
145	Churn Creek Rd at Echo Rd	40.555139	-122.352839
146	Churn Creek Rd at Shirley Ln (Enterprise Higl	40.558894	-122.352895
147	Churn Creek Rd at Hartnell Ave	40.562839	-122.352990
148	Churn Creek Rd at Parsons Dr	40.565102	-122.352987
149	Churn Creek Rd at E. Cypress Ave (Safeway)	40.571498	-122.352848
150	Churn Creek Rd at Maraglia St	40.568712	-122.353233
151	Bechelli Ln at Knollcrest Dr	40.572768	-122.362856
152	Bechelli Ln at Beagle Ln	40.566129	-122.362799
153	Churn Creek Rd at Loma Vista Dr	40.549699	-122.352749
154	Churn Creek Rd at Presidio St	40.582306	-122.354109
155	Sequoia St at Sacramento St (across from Se	40.583298	-122.381190
156	South St at Athens Ave	40.578220	-122.376505
157	Athens Ave at W. Cypress Ave	40.574344	-122.376512
158	Shasta View Dr at Leonard St	40.558023	-122.322954
159	Hartnell Ave at Northwoods Way (Rother Eler	40.563692	-122.355823
160	Hartnell Ave at Arcade Way	40.563682	-122.351120
161	Hartnell Ave at Reservoir Ln	40.563612	-122.345095
162	Hartnell Ave at Victor Ave	40.563584	-122.338967
163	Hartnell Ave at Churn Ct	40.563572	-122.333616
164	Saturn Skwy at Alta Mesa Dr (across from Alt	40.556111	-122.329959

165	Hartnell Ave at Shotwick Trail (across from th	40.564981	-122.368338
166	Placer St at East St	40.583188	-122.387148
167	Hartnell Ave at Bechelli Ln	40.563650	-122.363575
168	Hartnell Ave at Parkview Ave	40.570116	-122.369679
169	Hartnell Ave at Robert Ct (Tower Market)	40.563869	-122.340379
170	Hartnell Ave at Middleton Ln	40.563862	-122.342338
171	Hartnell Ave at Irwin Rd	40.563883	-122.346860
172	Hartnell Ave at Arcade Way	40.563905	-122.349584
173	Hartnell Ave at Northwoods Way (Parsons Jr.	40.563912	-122.355397
174	Hartnell Ave at Bechelli Ln (US District Court)	40.563872	-122.363578
175	South St at Athens Ave	40.578479	-122.375829
176	Athens Ave at W. Cypress Ave	40.573440	-122.376477
177	Sequoia St at Lowe St	40.581027	-122.379989
178	Sequoia St at Placer St (Sequoia Middle)	40.584249	-122.381344
179	Placer St at Continental St (Shasta Commun	40.583873	-122.384300
180	Galaxy Way at Meteor St	40.551222	-122.331015
181	Trinity St at Liberty St	40.589629	-122.388402
182	East St at Butte St (Shasta Regional Medical	40.584681	-122.387989
183	Hartnell Ave at Parkview Ave	40.569236	-122.369292
184	Hartnell Ave at Shotwick Trail (VA Clinic)	40.565264	-122.368152
185	Hartnell Ave at Shasta View Dr (Holiday Mark	40.563589	-122.328646
186	Hartnell Ave at Middleton Ln	40.563629	-122.342230
187	Placer St at Continental St (Shasta Commun	40.583677	-122.384474
188	Victor Ave at Azoulay Ct	40.581669	-122.338908
189	Victor Ave at Dana Dr	40.585282	-122.338926
190	Victor Ave at Mistletoe Ln	40.577965	-122.338789
191	Victor Ave at E. Cypress Ave	40.570378	-122.338968
192	Victor Ave at Cascade Ln	40.572597	-122.338831
193	Victor Ave at Hartnell Ave	40.563195	-122.339631
194	Victor Ave at Marlene Ave	40.558004	-122.338378
195	Victor Ave at El Vista St (Enterprise Park / Kic	40.545897	-122.336522
196	Victor Ave at Vega St	40.553371	-122.337063
197	El Vista St at Alta Campo Dr	40.544976	-122.332525
198	Victor Ave at Galaxy Way	40.551362	-122.336366
199	Victor Ave at Bramble Pl	40.562887	-122.339367
200	Victor Ave at Marlene Ave	40.558411	-122.338270
201	Victor Ave at Hartnell Ave	40.564283	-122.339322
202	Victor Ave at E. Cypress Ave	40.571392	-122.338655
203	Victor Ave at Lazelle Ct	40.575384	-122.338526
204	Churn Creek Rd at Old Alturas Rd	40.588764	-122.350931
205	Churn Creek Rd at Browning St	40.592494	-122.351242
206	Canby Rd at Browning St (Redding Pilgrim Hc	40.595440	-122.353815

207	Canby Rd at Churn Creek Rd	40.598329	-122.351855
208	Churn Creek Rd at Whistling Dr	40.598358	-122.350629
209	Churn Creek Rd at Palacio Dr	40.605594	-122.345451
210	Churn Creek Rd at Golden Gate Trail	40.608423	-122.346080
211	Bethel	40.611376	-122.355105
212	Churn Creek Rd at Rose Ln (Fire Station No.	40.611903	-122.348316
213	College View Dr at Tidmore Ln	40.614574	-122.343991
214	College View Dr at Shasta View Dr	40.616922	-122.334700
215	College View Dr at Mercy Oaks Dr (Simpson I	40.617947	-122.329612
216	College View Dr at Old Oregon Trail	40.619220	-122.318855
217	Collyer Dr at Twin Tower Dr	40.617853	-122.334922
218	1720 Collyer Dr (Lavender Hills Assisted Livin	40.617007	-122.339257
219	Collyer Dr at Ridgewood Rd	40.616357	-122.344385
220	Shasta College (w/o 300 Bldg, e/o Admin Par	40.625172	-122.317668
221	Churn Creek Rd at Golden Gate Trail	40.607509	-122.346127
222	Churn Creek Rd at Palacio Dr	40.604946	-122.345647
223	College View Dr at Churn Creek Rd	40.613248	-122.348483
224	1520 Collyer Dr (Sierra Oaks Senior Living)	40.616593	-122.341566
225	Hawley Rd at Collyer Dr	40.615911	-122.350482
226	N. Market St at Quartz Hill Rd	40.594679	-122.388781
227	N. Market St at Benton Dr	40.598881	-122.384443
228	Caterpillar Rd at Prestige Way	40.625611	-122.372482
229	Twin View Blvd at Caterpillar Rd (Meeks)	40.622298	-122.369080
230	Masonic Transfer Center	40.609333	-122.379924
231	Lake Blvd at N. Market St (Quality Plus Car W	40.609388	-122.375786
232	Twin View Blvd at Midway Dr (across from Sh	40.620156	-122.370614
233	Redwood Blvd at Caterpillar Rd (across from	40.624924	-122.380859
234	Redwood Blvd at Butternut Trail	40.621307	-122.380949
235	Redwood Blvd at Marijean Way	40.618121	-122.375625
236	Redwood Blvd at Harwood Blvd	40.615266	-122.375434
237	N. Market St at Benton Dr (Travelodge)	40.598538	-122.385426
238	N. Market St at Quartz Hill Rd (SJ Denham Cl	40.595338	-122.388751
239	Lake Blvd at N. Boulder Dr (Waterworks)	40.611083	-122.370554
240	Lake Blvd at Hilltop Dr (Walgreens)	40.610196	-122.373306
241	Caterpillar Rd at Grand Ave	40.625550	-122.369003
242	Trinity St at California St	40.588357	-122.393508
243	Lake Blvd at Black Marble Way (across from \	40.611009	-122.369671
244	North St at Freeman St	40.451499	-122.300019
245	North St at Ventura St (Vittles)	40.455052	-122.295931
246	North St at Sharon Ave	40.461695	-122.295426
247	North St at Tremonto Rd	40.458225	-122.294818
248	Stingy Ln at Daisy St	40.465195	-122.295284

249	Stingy Ln at Bay St	40.460635	-122.288756
250	Stingy Ln at Silo Ct	40.458675	-122.285911
251	Balls Ferry Rd at Childress Dr	40.453885	-122.289165
252	SR 273 at Bruce St (White Center)	40.444469	-122.295636
253	SR 273 at Pinion Ave (Tower Mart)	40.438336	-122.291428
254	5000 Rhonda Rd (Walmart)	40.432533	-122.287651
255	SR 273 at Bruce St	40.444527	-122.295162
256	SR 273 (frontage Rd) at Happy Valley Rd	40.494020	-122.365842
257	SR 273 at Overland Dr	40.482238	-122.348226
258	Parallel Rd at Hill St	40.470140	-122.330906
259	Parallel Rd at Hill St	40.470252	-122.330772
260	SR 273 (frontage Rd) at Happy Valley Rd	40.494106	-122.365700
261	SR 273 at Latona Rd (Jolly's Giant Flea Mart)	40.481720	-122.346740
262	SR 273 at Canyon Rd	40.506125	-122.379122
263	SR 273 at Canyon Rd (WinRiver)	40.506020	-122.379458
264	SR 273 at Westwood Ave	40.522321	-122.382596
265	Balls Ferry Rd at Ventura St (Allstate Insuran	40.451082	-122.292404
266	South St at E. Center St (Burrito Bandido)	40.448843	-122.297516
267	Silver St at North St	40.449473	-122.302976
268	Silver St at School St	40.450973	-122.305160
269	Silver St at Diamond St	40.452383	-122.307263
270	SR 273 at 3rd St	40.459238	-122.314558
271	SR 273 at Alexander Ave	40.460129	-122.315269
272	E. Cypress Ave at Beverly Dr (Big O Tires)	40.570930	-122.365647
273	Cypress Ave at Civic Center Dr (City Hall)	40.574278	-122.380787
274	Hilltop Dr at Commerce St	40.572829	-122.357881
275	Hilltop Dr at Mistletoe Ln (Marie Callender's)	40.578892	-122.357696
276	Hilltop Dr at Presidio St (Cicada Restaurant)	40.582112	-122.357644
277	Hilltop Dr at Rockaway Dr (Town & Country S	40.590810	-122.358117
278	Browning St at Mission Del Oro Dr (Trader Jo	40.592863	-122.356834
279	Browning St at Mission de Oro Dr	40.593100	-122.357192
280	Hilltop Dr at Palisades Ave	40.595491	-122.361970
281	Hilltop Dr at Sandpointe Dr (Sandpointe Aparl	40.597091	-122.367838
282	Hilltop Dr at St.Thomas Pkwy (Hilltop Estates)	40.599146	-122.370977
283	Hilltop Dr at Mercedes Ln	40.600568	-122.372332
284	95 Hilltop Dr (Redding Hilltop Apts)	40.606115	-122.375961
285	Hilltop Dr at Lake Blvd (across from Quality P	40.608897	-122.375055
286	Benton Dr at Quartz Hill Rd (near Elk's Lodge	40.594951	-122.401506
287	Quartz Hill Rd at Benton Dr (Lake Redding Gr	40.596550	-122.399775
288	Quartz Hill Rd at Delta St (across from Aquati	40.596211	-122.392673
289	Benton Dr at Quartz Hill Rd (Lake Redding Pe	40.595026	-122.401211
290	Court St at 11th St (YMCA)	40.587668	-122.398271

291	Benton Dr w/o Delta St (Heritage Plaza Apt)	40.599595	-122.392449
292	Benton Dr at Delta St	40.599567	-122.389376
293	Benton Dr at Loma St	40.599549	-122.385982
294	100 Hilltop Dr (Hilltop Garden Apts)	40.605809	-122.376150
295	Hilltop Dr at Mercedes Ln	40.600571	-122.372836
296	Hilltop Dr at Sandpointe Dr	40.596600	-122.367008
297	Hilltop Dr at Palisades Ave	40.595324	-122.362041
298	Court St at Shasta St (Walgreens)	40.585656	-122.396616
299	Hilltop Dr at Rockaway Dr (Bed Bath & Beyon	40.590643	-122.358406
300	Hilltop Dr at E. Palisades Ave (Bank of Americ	40.589233	-122.358327
301	Hilltop Dr at Presidio St (Red Lion Hotel)	40.581501	-122.357937
302	Hilltop Dr at Mistletoe Ln (Holiday Inn)	40.579814	-122.357970
303	Hilltop Dr at Industrial St	40.575707	-122.358087
304	Hilltop Dr at Commerce St (Trinity Lutheran C	40.573224	-122.358148
305	W. Cypress Ave at Athens Ave	40.573696	-122.378304
306	W. Cypress Ave at Civic Center Dr (Cypress C	40.575076	-122.382117
307	W. Cypress Ave at Pine St (Safeway)	40.576510	-122.386003
308	East St at Placer St (Berean Bible Church)	40.582450	-122.387061
309	E. Cypress Ave at Rosemary Ave (Jeff's CA C	40.571169	-122.364583
310	Canby Transfer Center	40.589321	-122.353526
311	Hilltop Dr at Browning St (Best Buy)	40.592563	-122.358515
312	East St at Lincoln St	40.579347	-122.385617
313	Silver St at Howard St (City Hall)	40.447692	-122.300382
314	S. Market St at Ellis St	40.564613	-122.387925
315	Parkview Ave at Freebridge St	40.570811	-122.377392
316	11th St at Eureka Way	40.586768	-122.400268
317	Eureka Way at Sunset Dr	40.584509	-122.423988
318	Buenaventura Blvd at Eureka Way	40.583192	-122.426841
319	Buenaventura Blvd at Lakeside Dr	40.579939	-122.425197
320	Buenaventura Blvd at Rosita Dr	40.574924	-122.420307
321	Placer St at San Francisco St (Holiday Marke	40.574983	-122.415433
322	Placer St at Mesa St	40.577335	-122.410984
323	Airpark Dr at Gold St	40.575986	-122.404859
324	Airpark Dr at Sonoma St	40.573854	-122.405095
325	2510 Airpark Dr (Sequoia Medical Arts)	40.571210	-122.400982
326	Airpark Dr at Rosaline Ave (Mercy Med Ctr)	40.571533	-122.398787
327	Rosaline Ave at West St	40.573269	-122.393912
328	Redding Civic Auditorium	40.588742	-122.380188
329	Downtown Transit Center	40.583984	-122.392934
330	37427 CA-299 (Burney Sporting Goods)	40.888880	-121.653685
331	CA-299 (Montgomery Creek Library)	40.842071	-121.923423
332	21919 CA-299 (My T Fine Foods)	40.638316	-122.242887

333	CA-299 (Round Mountain Store/Cafe)	40.793421	-121.943102
334	Court St at Sonoma St	40.575821	-122.392560
335	Eureka Way at Magnolia Ave (University Prep	40.586687	-122.403679
336	Eureka Way at Overhill Dr (Patient's Hospital)	40.585704	-122.415515
337	Eureka Way at Pioneer Dr (Shasta High)	40.586291	-122.408393
338	Shasta View Dr at Hemingway St (Mtn View M	40.603221	-122.327686
339	Shasta View Dr at Inspiration Way (Redding S	40.596482	-122.324833
340	SR 273 at Barney Rd	40.438974	-122.291320
341	W. Center St at Way St (Anderson Branch Lit	40.452087	-122.304377
342	Shasta View Dr at Simpson Blvd (Simpson Ur	40.612680	-122.333910
343	Trinity St at California St	40.588513	-122.393632
344	Polk St at Ellis St	40.564004	-122.384678
345			
346			
347			
348			
349			
350			
351			
352			
353			
354			
355			
356			
357			
358			
359			
360			
361			
362			
363			
364			
365			
366			
367			
368			
369			
370			
371			
372			
373			
374			

[Details](#) [Add ▾](#) [Basemap](#) [Analysis](#) [Save ▾](#) [Share](#) [Print ▾](#) [Directions](#) [Measure](#) [Bookmarks](#)  [Q](#)

[About](#) [Content](#) [Legend](#)

Legend

USA Counties

California AB 1550 layers Final 05312019

- AB 1550 Low-income Communities

Trust Center Contact Esri Report Abuse Contact Us

Esri, HERE, Garmin, USGS, NGA, EPA, USDA, NPS