

## Low Carbon Transit Operations Program (LCTOP)

### PROJECT DESCRIPTION AND ALLOCATION REQUEST (SUMMARY)

**Project Information:**

Lead Agency:	Placer County
Project Name:	TART Bus Stop - Dollar Hill
Project Type: <i>See Attachment A</i>	B3: Upgrade transit stops/stations to support active transportation and encourages ridership
Description of Project (Short):	Construct one Tahoe Area Regional Transit (TART) bus shelters
Project Location:	Eastbound Highway 28 just west of Dollar Drive.
Project Start Date (anticipated):	1-Jul-16
Project End Date (anticipated):	30-Jun-17

**Funding Information:**

Funding Year:	FY 2015/16
Requested Amount of PUC 99313:	\$31,196
Requested Amount of PUC 99314:	\$0
Total LCTOP Funding:	\$31,196
Total Project Cost:	\$65,000

**Project Benefits:**

**Greenhouse Gas Benefits (off of worksheet)**

Estimated GHG Reduction:	1.05
Project Life:	15
Estimated Total GHG Reduction:	1.05

**Disadvantaged Communities (DAC) Benefits:**

Does your service area have a DAC?	No
Does the Project Benefit a DAC?	No
Identify the DAC Census Tracts?	
Identify Specific DAC Benefit Criteria? <i>See Attachment B</i>	
Qualitative Description of DAC Benefit?	
Describe the DAC Need Project Addresses?	
Total GGRF \$ Allocated to DAC	

**Co-benefit**

Critical Air Pollution Reduction:	
VMT Reduction:	
Ridership Increase	
Fuel Ues Reduction:	
Energy Use Reduction:	





## Low Carbon Transit Operations Program (LCTOP)

### PROJECT DESCRIPTION AND ALLOCATION REQUEST (PROJECT)

**Table 3: Type of Project**

**See Attachment A for category of project** (example: Category 1A Implement new or expanded transit service (for new routes or expansion of existing routes).

<u>Operations Projects</u>		<u>Capital Projects</u>	
	A1		Ai
	A2		Aii
	A3		Aiii
	A4	x	Aiv
	A5		Bi
			Bii
			Biii
			Biv

**Table 4: Project Summary**

**a) Project Description** - Describe the project in your own words, using comprehensive overall project description regarding improvements to be made, increased level of service and performance goals.

This project is to replace a very old, dilapidated wooden passenger shelter that is far beyond its useful life. This project would be built to ADA accessibility standards and be connected to a bike and pedestrian trail adjacent to the bus stop. Approximately three years ago, the accompanying bus stop across the highway in the westbound direction was rebuilt. A photograph of the existing stop to be upgraded has been included along with a photograph showing an example of the bus stop that will be constructed, which is the stop just across the highway in the westbound direction.

**b) Project Location** - Describe the location of the project. Also provide an 8 1/2" X 11" project site map that shows the transit service area and project location. Use link to CalEPA website for information, <http://www.calepa.ca.gov/EnvJustice/GHGInvest/default.htm>.

The project is located on eastbound Highway 28 in North Tahoe east of Tahoe City just west of Dollar Drive. This is an existing TART bus stop with an old dilapidated passenger shelter.

**c) Project Life** - For capital projects, state the Useful Life of the Project. For operations project state the number of months service will operate.

Capital: 15 years  
 Operations:

## Low Carbon Transit Operations Program (LCTOP)

### PROJECT DESCRIPTION AND ALLOCATION REQUEST (BENEFITS/OUTCOMES)

**Table 5: Description of Major Benefits/Outcomes**

**a) Greenhouse Gas Reduction** - Describe how this project will reduce greenhouse gases and any assumptions or data that support this description. For example, "The expanded transit service will reduce VMT and greenhouse gas emissions by replacing auto trips with transit trips. Initial estimates indicate that the expansion could add 50 commuter bus riders per day to replace an average auto trip of 10 miles each way." If available, please provide the expected amount of VMT reductions and greenhouse gas reductions.

The new bus stop and passenger shelter will reduce greenhouse gases by increasing ridership on an existing route. The bus stop design will take advantage of the connection to an existing paved class 1 trail adjacent to the bus stop. This project is estimated to reduce VMT by 162 per year.

**b) Increased Mode Share** - Describe how this project will directly increase mode share.

This bus stop is on an existing bus route at TART known as the North Shore segment. This segment carries approximately 140,000 passengers per year. This shelter will be part of a larger program to improve bus stops in the TART service area in the north Tahoe region. This bus stop serves approximately 2,130 boardings per year and is one of over 50 stops in this segment. It is estimated that his improvement will increase ridership at this location by 1%.

**c) Disadvantaged Communities (DAC) Project Criteria**

See Attachment B for DAC Criteria to Evaluate Projects (example: Category 1B Project provides transit incentives to residents with a physical address in a disadvantage community (e.g., vouchers, reduced fares, transit passes).

<u>Low Carbon Transportation Projects</u>				<u>Transit Projects</u>			
	1A		2A		1G		2E
	1B		2B		1H		2F
	1C		2C		2A		2G
	1D				2B		2H
					2C		2I
					2D		

**d) Disadvantaged Communities (DAC) (if applicable\*)** - Describe how this project will directly benefit the DAC(s) within your service area in your own words. For agencies whose service area includes disadvantaged communities, at least 50 percent of the total moneys received shall be expended on projects that will benefit disadvantaged communities.

## Low Carbon Transit Operations Program (LCTOP)

### PROJECT DESCRIPTION AND ALLOCATION REQUEST (BENEFITS/OUTCOMES)

**Table 5: Description of Major Benefits/Outcomes**

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

<input checked="" type="checkbox"/> Improved Safety <input type="checkbox"/> Improved Public Health <input type="checkbox"/> Reduced Operating/Maintenance Cost <input checked="" type="checkbox"/> Increase System Reliability <input type="checkbox"/> Other Benefits (describe below)	<input type="checkbox"/> Coordination with Educational Institutions <input type="checkbox"/> College/University <input type="checkbox"/> Grades K-12 <input checked="" type="checkbox"/> Promotes Active Transportation (walking, biking) <input checked="" type="checkbox"/> Promotes integration with other modes of transportation
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f) **Co-Benefits** - Describe benefits indicated above in d) and any other benefits not listed.

The project will provide improved safety by providing a more suitable structure for passenger shelter with lighting. The project will increase system reliability by requiring less repairs and providing more reliable access to and from the shelter location. The bus stop is located directly on the Tahoe Public Utility District's lakeside trail which connects many destinations in the Tahoe City area and is part of a 23 mile trail network. This will promote walking and biking and integration with other modes of transportation.

**Table 6: Project Schedule**

Capital Projects	
Begin Construction Phase ( <b>Contract Award</b> )	July, 2016
End Construction Phase ( <b>Contract Acceptance</b> )	November, 2016
Begin Vehicle/Equipment Order ( <b>Contract Award</b> )	
End Vehicle/Equipment Order ( <b>Contract Acceptance</b> )	
Begin Closeout Phase	January, 2017
End Closeout Phase	January, 2017

Operations Projects	
Begin expanded/enhanced transit services	
End expanded/enhanced transit services	
Begin Closeout Phase	
End Closeout Phase	

**START DATE FOR LCTOP FUNDED PHASES MAY NOT PROCEED PROJECT APPROVAL LETTER.**

*Pre-construction costs (e.g design, environmental and right-a-way) are not eligible to be funded by LCTOP funds, they must be funded by other sources.*

## Low Carbon Transit Operations Program (LCTOP)

### PROJECT DESCRIPTION AND ALLOCATION REQUEST (OPERATIONS DESCRIPTION)

#### Table 7: Operations Project Description

a) Describe the operating plan for this system.

b) Describe the fare structure for this system.

One Way General Public \$1.75

One Way Senior/Youth/Disabled \$0.85

ADA Taxi Program \$3.50

#### Passes

24-Hour Pass General Public \$3.50

24 Hour Pass Senior/Youth/Disabled \$1.75

10 Ride Pass General Public \$14.00

10 Ride Senior/Youth/Disabled \$7.00

14 Day Pass General Public \$30.00

14 Day Pass Senior/Youth/Disabled \$15.00

30 Day Pass General Public \$53.00

30 Day Pass Senior/Youth/Disabled \$26.50

c) Describe the assumptions and process that were used to develop the ridership projections shown in the request.

The ridership projections are based on using actual ridership on the very similar Highway 89 bus route in the TART syst

d) Describe the assumptions and process for how the operating cost projections were developed.



## Low Carbon Transit Operations Program TOTAL PROJECT COST AND FUNDING PLAN

The following Funding Plan has been reviewed and approved by the undersigned. It includes a complete list of funds for this project and is the total cost of the project, including LCTOP funds.

Person preparing this form (please type or print) Will Garner Phone: 530-745-7582 Date: 2/1/16

Approval Authority: Sign and date  
*Ken Grehm 2/1/16*  
 Typed name and phone number: Ken Grehm 530-745-7500

Shaded fields are automatically calculated. Please do not fill these fields.

Proposed Total Project Cost								Project
Component	Prior	FY 16/17	FY	FY	FY	FY	FY	Total
PA&ED	0	0	0	0	0	0	0	0
PS&E	0	20,000	0	0	0	0	0	20,000
R/W	0	0	0	0	0	0	0	0
CON	0	45,000	0	0	0	0	0	45,000
Veh/Equip Purchase	0	0	0	0	0	0	0	0
Operations/Other	0	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>0</b>	<b>65,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>65,000</b>

Low Carbon Transit Operations Program (LCTOP)								
Component	Prior	FY 16/17	FY	FY	FY	FY	FY	Total
PA&ED								0
PS&E								0
R/W								0
CON		31,916						31,916
Veh/Equip Purchase								0
Operations/Other								0
<b>TOTAL</b>	<b>0</b>	<b>31,916</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>31,916</b>

Funding Source: Placer County Traffic Fees								
Component	Prior	FY 16/17	FY	FY	FY	FY	FY	Total
PA&ED								0
PS&E		20,000						20,000
R/W								0
CON		13,084						13,084
Veh/Equip Purchase								0
Operations/Other								0
<b>TOTAL</b>	<b>0</b>	<b>33,084</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>33,084</b>

Funding Source:								
Component	Prior	FY 16/17	FY	FY	FY	FY	FY	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 16/17	FY	FY	FY	FY	FY	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>							



## Low Carbon Transit Operations Program TOTAL PROJECT COST AND FUNDING PLAN

<b>Funding Source:</b>								
Component	Prior	FY 16/17	FY _____	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

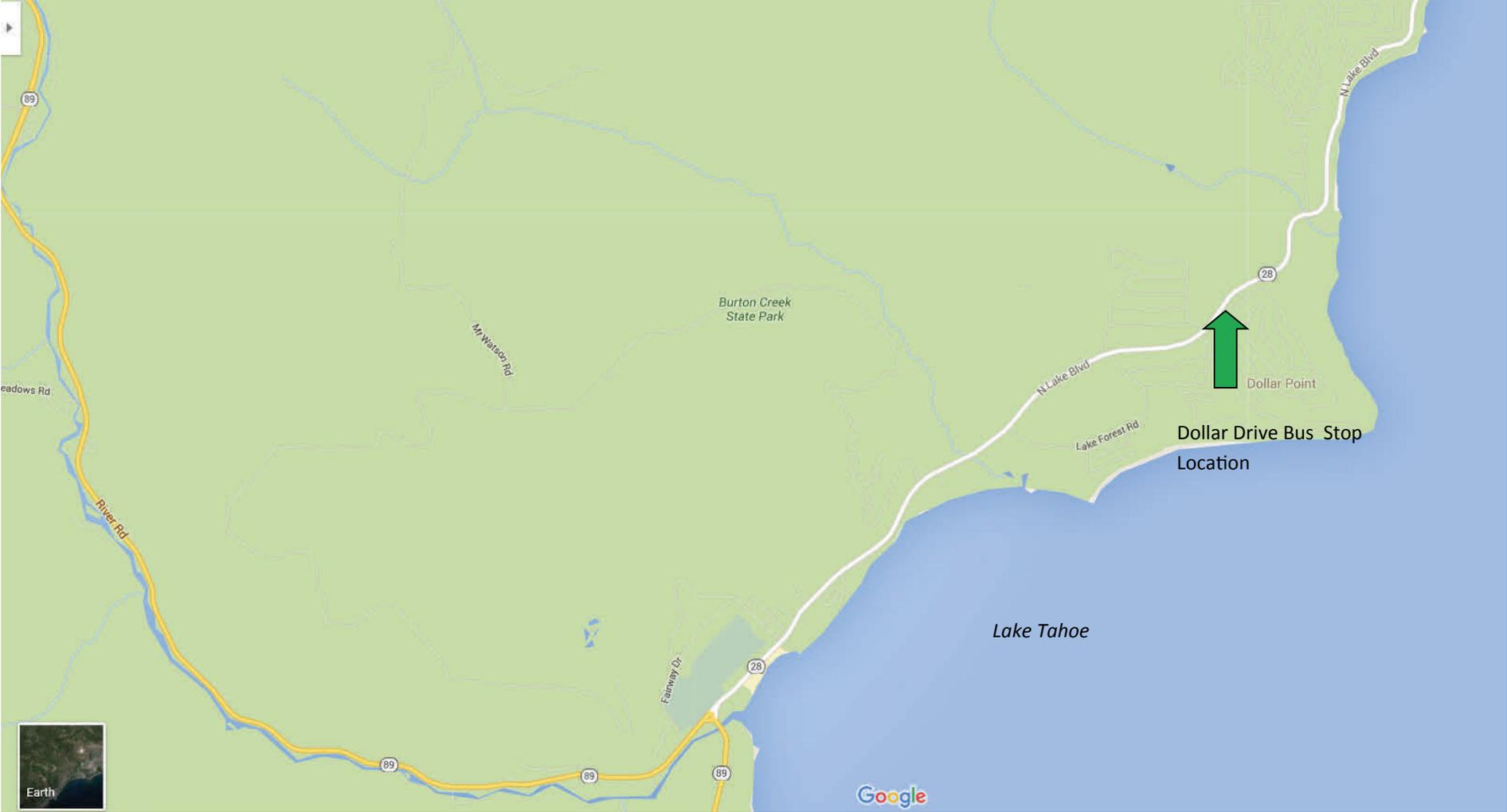
<b>Funding Source:</b>								
Component	Prior	FY 16/17	FY _____	Total				
PA&ED								0
PS&E								0
R/W								0
CON								0
Veh/Equip Purchase								0
Operations/Other								0
<b>TOTAL</b>	0	0	0	0	0	0	0	0

<b>Funding Source:</b>								
Component	Prior	FY 16/17	FY _____	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

<b>Funding Source:</b>								
Component	Prior	FY 16/17	FY _____	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

<b>Funding Source:</b>								
Component	Prior	FY 16/17	FY _____	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

# Tahoe Area Regional Transit Bus Stop Improvement—Project Location



## Existing Bus Stop to Be Replaced

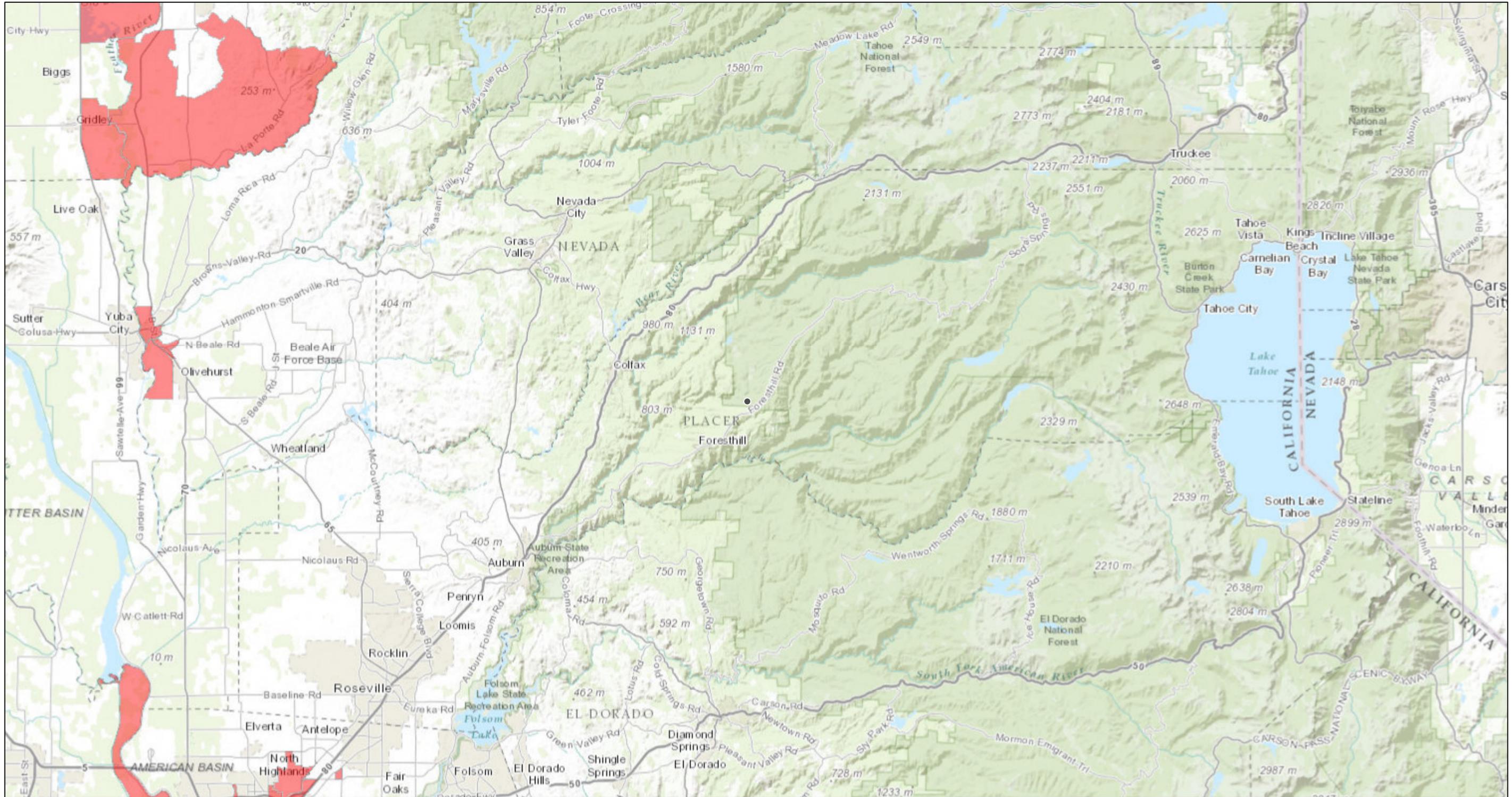


# Example of New Bus Stop

Bus Stop on Highway 28 West Bound Across Highway from Proposed Project



# SB 535 Disadvantaged Communities



April 13, 2015

1:577,791



Sources: Esri, HERE, DeLorme, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community