



June 27, 2017

Susan Bransen, Executive Director
California Transportation Commission
1120 N Street, Mail Station 52
Sacramento, CA 95814

RE: 2017 Active Transportation Program Greenhouse Gas Reduction Funds
Project Application ID: 6-Mcfarland-2
Project Name: **City of McFarland- Kern Avenue Elementary SR25Connectivity**

Enclosed please find five (5) hard copies and one electronic copy of the following supplemental application material:

- Project Programming Request Form with updated schedule (project milestones)
- Funding Plan
- Greenhouse Gas Emission Reduction Calculation
- Disadvantaged Community Data – CalEnviroScreen 3.0

If you have any questions concerning the aforementioned material, please do not hesitate to contact Maria Lara, Grants Director, at mlara@mcfarlandcity.org or 661-792-3091.

Sincerely,

A handwritten signature in blue ink, appearing to read 'John Wooner', written over a diagonal line.

John Wooner
City Manager

PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised April 2015)

General Instructions

<input checked="" type="checkbox"/> New Project					Date:	6/28/17
District	EA	Project ID	PPNO	MPO ID	TCRP No.	
06						
County	Route/Corridor	PM Bk	PM Ahd	Project Sponsor/Lead Agency		
KER	VAR			City of McFarland		
				MPO	Element	
				KCOG		
Project Manager/Contact		Phone		E-mail Address		
Mario Gonzales		661-792-3091		mgonzales@mcfarlandcity.org		
Project Title						
City of McFarland- Kern Avenue Elementary SR2S Connectivity						
Location, Project Limits, Description, Scope of Work						<input type="checkbox"/> See page 2
<p>The proposed project is adjacent to Kern Avenue Elementary School and various activity centers located within McFarland city limits along two city blocks bounded by 5th Street from West Perkins to Robertson; 3rd Place from West Perkins to Robertson; North side of Robertson from 3rd Place to 5th Street and South side of West Perkins. Improvements include installing ADA-Compliant ramps, XING markings, high visibility crosswalks, bike lanes, new sidewalk, enhancements to existing sidewalk, curbs, and gutters.</p>						
<input checked="" type="checkbox"/> Includes ADA Improvements			<input checked="" type="checkbox"/> Includes Bike/Ped Improvements			
Component		Implementing Agency				
PA&ED	5					
PS&E	56					
Right of Way						
Construction	335					
Purpose and Need						<input type="checkbox"/> See page 2
<p>In a small severely disadvantaged community such as McFarland, closing "gaps" in infrastructure by constructing new sidewalk (where none currently exist), will transform the neighborhood and have a significant impact on public health, environment, and economy especially in the proposed area that has high crime rates, socioeconomic and health inequities, and lack of green spaces. McFarland has been identified as one of the top 5% disadvantaged communities (Office of Environmental Health Hazard Assessment, CalEnviroScreen 3.0, June 2017). The proposed project is located within and benefiting low-income individuals living in a community disproportionately burdened with high pollutants.</p>						
Project Benefits						<input checked="" type="checkbox"/> See page 2
<p>The expected benefits would be to improve safety and mobility along Kern Avenue Elementary School and various activity centers. Although the primary benefit will be to improve the existing conditions, there is the potential for the project to influence a route expansion of the existing active transportation programs, as well as, encourage more students and residents to seek out alternative modes of transportation.</p>						
<input checked="" type="checkbox"/> Supports Sustainable Communities Strategy (SCS) Goals			<input checked="" type="checkbox"/> Reduces Greenhouse Gas Emissions			
Project Milestone						Proposed
Project Study Report Approved						
Begin Environmental (PA&ED) Phase						09/01/17
Circulate Draft Environmental Document				Document Type	CE	09/01/17
Draft Project Report						
End Environmental Phase (PA&ED Milestone)						10/01/17
Begin Design (PS&E) Phase						10/01/17
End Design Phase (Ready to List for Advertisement Milestone)						03/01/18
Begin Right of Way Phase						
End Right of Way Phase (Right of Way Certification Milestone)						
Begin Construction Phase (Contract Award Milestone)						10/01/18
End Construction Phase (Construction Contract Acceptance Milestone)						04/01/19
Begin Closeout Phase						05/01/19
End Closeout Phase (Closeout Report)						06/01/19

ADA Notice

For individuals with sensory disabilities, this document is available in alternate formats. For information call (916) 654-6410 or TDD (916) 654-3880 or write Records and Forms Management, 1120 N Street, MS-89, Sacramento, CA 95814.

PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised April 2015)

Date: 6/28/17

District	County	Route	EA	Project ID	PPNO	TCRP No.
06	KER	VAR				
Project Title: City of McFarland- Kern Avenue Elementary SR2S Connectivity						

Proposed Total Project Cost (\$1,000s)									Notes
Component	Prior	16/17	17/18	18/19	19/20	20/21	21/22+	Total	
E&P (PA&ED)			5					5	
PS&E			56					56	
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON				335				335	
TOTAL			61	335				396	

Fund No. 1:	ATP Greenhouse Gas Reduction Fund								Program Code
Proposed Funding (\$1,000s)									
Component	Prior	16/17	17/18	18/19	19/20	20/21	21/22+	Total	Funding Agency
E&P (PA&ED)			5					5	CALTRANS
PS&E			56					56	
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON				335				335	
TOTAL			61	335				396	

Fund No. 2:									Program Code
Proposed Funding (\$1,000s)									
Component	Prior	16/17	17/18	18/19	19/20	20/21	21/22+	Total	Funding Agency
E&P (PA&ED)									
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									
TOTAL									

Fund No. 3:									Program Code
Proposed Funding (\$1,000s)									
Component	Prior	16/17	17/18	18/19	19/20	20/21	21/22+	Total	Funding Agency
E&P (PA&ED)									
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									
TOTAL									

PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised April 2015)

Date: 6/28/17

District	County	Route	EA	Project ID	PPNO	TCRP No.
06	KER	VAR				
Project Title: City of McFarland- Kern Avenue Elementary SR2S Connectivity						

Fund No. 8:									Program Code
Proposed Funding (\$1,000s)									
Component	Prior	16/17	17/18	18/19	19/20	20/21	21/22+	Total	Funding Agency
E&P (PA&ED)									
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									
TOTAL									

Fund No. 9:									Program Code
Proposed Funding (\$1,000s)									
Component	Prior	16/17	17/18	18/19	19/20	20/21	21/22+	Total	Funding Agency
E&P (PA&ED)									
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									
TOTAL									

Fund No. 10:									Program Code
Proposed Funding (\$1,000s)									
Component	Prior	16/17	17/18	18/19	19/20	20/21	21/22+	Total	Funding Agency
E&P (PA&ED)									
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									
TOTAL									



California Air Resources Board
Calculator for the
California Transportation Commission
Active Transportation Program
Greenhouse Gas Reduction Quantification Methodology
Fiscal Year 2016-17

This is a new GHG Emission Reduction Calculator Tool specific to CTC ATP Projects that are eligible for GGRF funding. The SGC AHSC Quantification Methodology and Calculator Tool for FY 2015-16 may not be used for this program.

The California Air Resources Board (ARB) is responsible for providing the quantification methodology to estimate greenhouse gas (GHG) emission reductions from projects receiving monies from the Greenhouse Gas Reduction Fund (GGRF). This GHG emission reduction calculator accompanies the quantification methodology for the Fiscal Year (FY) 2016-2017 California Transportation Commission (CTC) Active Transportation Program (ATP) available at: <http://www.arb.ca.gov/cc/capandtrade/auctionproceeds/quantification.htm>

Instructions: Applicants must use this calculator to estimate the GHG reductions associated with the quantification methodology. This Excel file must be submitted with other documentation requirements. Please use the following file naming convention: "[Project Name]_calc_FY16-17" not to exceed 20 characters. Project names may be abbreviated. Additional documentation may be necessary to substantiate the inputs to this file. Fields highlighted in yellow indicate input is needed by the project applicant. Fields highlighted in green indicate selection from the drop-down menu is needed by the project applicant. The drop-down menu appears when the cell is activated. If some text within a cell is not visible, adjust the zoom level of the worksheet.

Read Me Tab

Enter the Project Name and the contact information for person who can answer project specific questions on the quantification calculations.

Project Name:	McFarland- Kern Avenue Elementary SR2S Cont
Contact Name:	María Lara
Contact Phone Number:	661-792-3091
Contact Email:	mlara@mcfarlandcity.com
Date Completed:	6/26/2016

New Bike-Ped Infrastructure Tab

Applicants must work from left to right and enter all relevant data. Some cells may turn black based on inputs and black cells should be left blank. Applicants should use as many rows as necessary to characterize all relevant features of the proposed project. Inputs must be substantiated in the documentation provided to CTC and ARB.

Bike Share Tab

Applicants must work from top to bottom and enter all relevant data. Inputs must be substantiated in the documentation provided to CTC and ARB.

GHG Summary Tab

Total Project GHG emissions reductions and emissions per dollar of funding requested are calculated in this tab. Applicants must provide the funding request in this tab and use the output as part of the Documentation as detailed in Section C of the quantification methodology.

Definitions Tab

Definitions are provided for many of the terms used in this calculator. Additional information is provided in the quantification methodology.

Cells Formatting Guide

User-input cells
User-input cells with a drop-down menu (drop-down menu appears when the cell is activated)
Cells with automated calculations

Cells Formatting Guide

- Green tabs: All applicants must enter data here
- Black tabs: Information; no data are entered here

Additional information specific to the quantification methodology may be found at: www.arb.ca.gov/cc/capandtrade/auctionproceeds/quantification.htm
 More information on ARB's efforts to support implementation of GGRF investments may be found at: www.arb.ca.gov/auctionproceeds
 Questions on this calculator should be sent to: [Laurie Waters](mailto:Laurie.Waters@arlb.ca.gov)
 Questions on the ATP program should be sent to: [Laurie Waters](mailto:Laurie.Waters@arlb.ca.gov) (916) 651-6145



California Air Resources Board
 Calculator for the
 California Transportation Commission
 Active Transportation Program
 Greenhouse Gas Reduction Quantification Methodology
 Fiscal Year 2016-17

Project Name: City of McFarland- Kern Avenue Elementary_SR2S Connectivity

Project Details	County	Kern
	Year 1 (Yr1)	2018
	Year F (YrF)	2028
GHGs of Displaced Autos Emission Reductions	Yr1 Trips	13,870
	Adjustment Factor (A)	0.5
	Bike Share GHG Emission Reductions	58.06



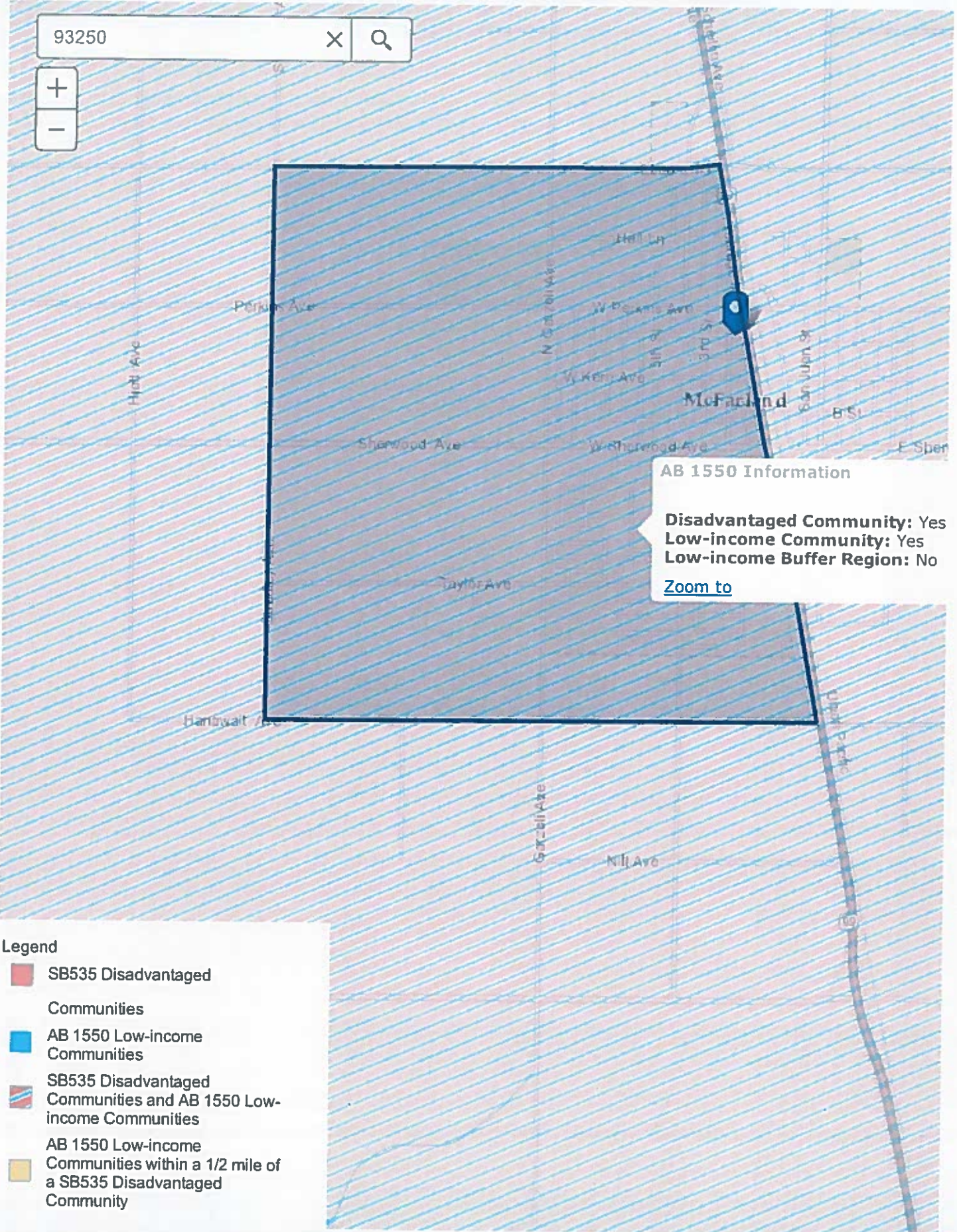
California Environmental Protection Agency
Air Resources Board

California Air Resources Board
 Calculator for the
 California Transportation Commission
 Active Transportation Program
 Greenhouse Gas Reduction Quantification Methodology
 Fiscal Year 2016-17





Project Name:

	GHG Emissions (MT CO ₂ e)	Description	Troubleshooting Tips
New Infrastructure GHG Emission Reductions	20.06		
Blake Share GHG Emission Reductions	58.06		
Total GHG Emission Reductions	78.04	Total GHG emission reductions	"-" may result from not entering information into all required cells in Inputs Tab.
ATP GGRF Funds Requested (\$)	396,000.00	ATP GGRF Funds Requested for the proposed project.	
Total GHG Emission Reductions ATP GGRF Funds Requested (\$)	0.00019934	Emission reductions per ATP GGRF funding requested	"#DIV/0!" results from not entering a value for ATP Funds Requested . "#VALUE!" results from a non-numeric entry in ATP Funds Requested .
Total GGRF Funds Requested (\$)	396,000.00	Total GGRF Funds Requested for the proposed project. If you are applying, have applied, or are planning to apply for additional GGRF funds for the proposed project, enter the combined funding request for all GGRF programs.	
Total GHG Emission Reductions Total GGRF Funds Requested (\$)	0.00019934	Emission reductions per total GGRF funding requested.	"#DIV/0!" results from not entering a value for Total GGRF Funds Requested . "#VALUE!" results from a non-numeric entry in Total GGRF Funds Requested .
Total Project Cost (\$)	396,000.00	Total cost of the proposed project.	
Total GHG Emission Reductions Total Project Cost (\$)	0.00019934	Emission reductions per total project cost.	"#DIV/0!" results from not entering a value for Total Project Cost . "#VALUE!" results from a non-numeric entry in Total Project Cost .

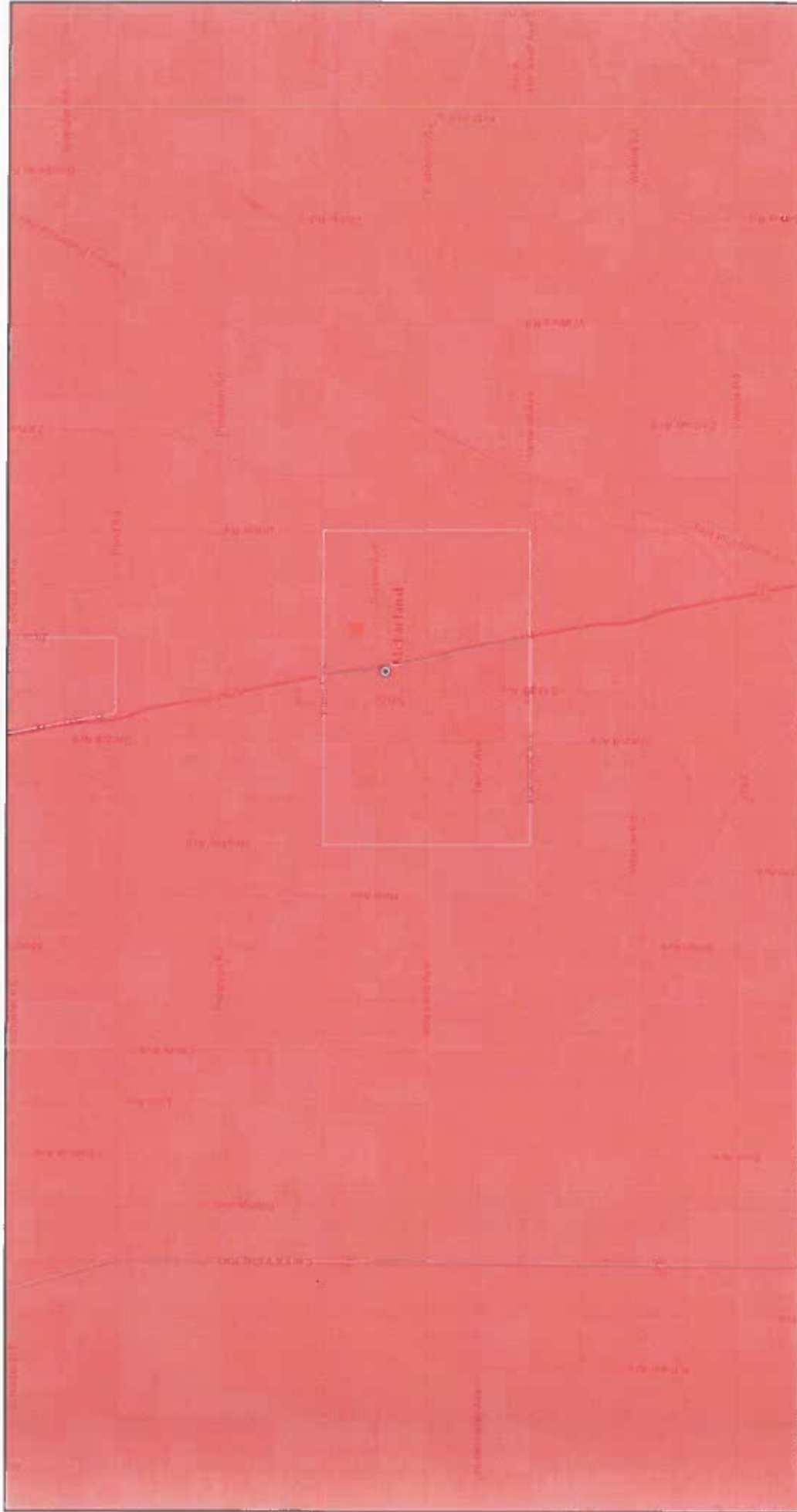
93250 X Q



Legend

-  SB535 Disadvantaged Communities
-  AB 1550 Low-income Communities
-  SB535 Disadvantaged Communities and AB 1550 Low-income Communities
-  AB 1550 Low-income Communities within a 1/2 mile of a SB535 Disadvantaged Community

SB 535 Disadvantaged Communities (2017)



June 13, 2017

1:72,224



Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, MDS, NRCAN, GeBCO, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), Swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS



S1901

INCOME IN THE PAST 12 MONTHS (IN 2015 INFLATION-ADJUSTED DOLLARS)

2011-2015 American Community Survey 5-Year Estimates

Note. This is a modified view of the original table.

Supporting documentation on code lists, subject definitions, data accuracy, and statistical testing can be found on the American Community Survey website in the Data and Documentation section.

Sample size and data quality measures (including coverage rates, allocation rates, and response rates) can be found on the American Community Survey website in the Methodology section.

Tell us what you think. Provide feedback to help make American Community Survey data more useful for you.

Although the American Community Survey (ACS) produces population, demographic and housing unit estimates, it is the Census Bureau's Population Estimates Program that produces and disseminates the official estimates of the population for the nation, states, counties, cities and towns and estimates of housing units for states and counties.

Subject	Census Tract 47.01, Kern County, California		Census Tract 47.02, Kern County, California		ZCTA5 93250
	Households		Households		Households
	Estimate	Margin of Error	Estimate	Margin of Error	Estimate
Total	2,003	+/-110	924	+/-69	3,157
Less than \$10,000	3.7%	+/-2.4	5.2%	+/-2.5	4.9%
\$10,000 to \$14,999	9.4%	+/-4.6	6.8%	+/-4.0	8.6%
\$15,000 to \$24,999	20.3%	+/-6.7	18.1%	+/-6.2	18.4%
\$25,000 to \$34,999	18.9%	+/-5.2	17.4%	+/-6.1	18.5%
\$35,000 to \$49,999	25.4%	+/-5.4	31.8%	+/-8.9	25.6%
\$50,000 to \$74,999	15.4%	+/-4.7	13.1%	+/-6.8	15.0%
\$75,000 to \$99,999	4.0%	+/-2.4	5.6%	+/-3.2	4.2%
\$100,000 to \$149,999	0.6%	+/-1.0	1.0%	+/-1.1	2.9%
\$150,000 to \$199,999	2.3%	+/-1.9	0.0%	+/-3.5	1.6%
\$200,000 or more	0.0%	+/-1.6	1.0%	+/-1.7	0.3%
Median income (dollars)	33,592	+/-4,841	37,885	+/-7,451	34,618

Subject	ZCTA5 93250
	Households
	Margin of Error
Total	+/-168
Less than \$10,000	+/-2.0
\$10,000 to \$14,999	+/-3.3
\$15,000 to \$24,999	+/-4.9
\$25,000 to \$34,999	+/-4.2
\$35,000 to \$49,999	+/-4.1
\$50,000 to \$74,999	+/-4.0
\$75,000 to \$99,999	+/-1.7
\$100,000 to \$149,999	+/-1.7
\$150,000 to \$199,999	+/-1.2
\$200,000 or more	+/-0.5
Median income (dollars)	+/-3.589

Data are based on a sample and are subject to sampling variability. The degree of uncertainty for an estimate arising from sampling variability is represented through the use of a margin of error. The value shown here is the 90 percent margin of error. The margin of error can be interpreted roughly as providing a 90 percent probability that the interval defined by the estimate minus the margin of error and the estimate plus the margin of error (the lower and upper confidence bounds) contains the true value. In addition to sampling variability, the ACS estimates are subject to nonsampling error (for a discussion of nonsampling variability, see Accuracy of the Data). The effect of nonsampling error is not represented in these tables.

While the 2011-2015 American Community Survey (ACS) data generally reflect the February 2013 Office of Management and Budget (OMB) definitions of metropolitan and micropolitan statistical areas; in certain instances the names, codes, and boundaries of the principal cities shown in ACS tables may differ from the OMB definitions due to differences in the effective dates of the geographic entities.

Estimates of urban and rural population, housing units, and characteristics reflect boundaries of urban areas defined based on Census 2010 data. As a result, data for urban and rural areas from the ACS do not necessarily reflect the results of ongoing urbanization.

Source: U.S. Census Bureau, 2011-2015 American Community Survey 5-Year Estimates

Explanation of Symbols:

1. An '***' entry in the margin of error column indicates that either no sample observations or too few sample observations were available to compute a standard error and thus the margin of error. A statistical test is not appropriate.
2. An '-' entry in the estimate column indicates that either no sample observations or too few sample observations were available to compute an estimate, or a ratio of medians cannot be calculated because one or both of the median estimates falls in the lowest interval or upper interval of an open-ended distribution.
3. An '-' following a median estimate means the median falls in the lowest interval of an open-ended distribution.
4. An '+' following a median estimate means the median falls in the upper interval of an open-ended distribution.
5. An '****' entry in the margin of error column indicates that the median falls in the lowest interval or upper interval of an open-ended distribution. A statistical test is not appropriate.
6. An '*****' entry in the margin of error column indicates that the estimate is controlled. A statistical test for sampling variability is not appropriate.
7. An 'N' entry in the estimate and margin of error columns indicates that data for this geographic area cannot be displayed because the number of sample cases is too small.
8. An '(X)' means that the estimate is not applicable or not available.