

# SIMPL

Sacramento Integrated Multimodal Place-Based Living Project



Year 3 Evaluation Report | July 2021-June 2022

Early Implementation Progress and Community Indicator Report

## Acknowledgements

The Institute for Social Research (ISR) at Sacramento State University prepared this report in partnership with the Sacramento Housing and Redevelopment Agency (SHRA). The Sacramento Integrated Multimodal Place-Based Living (SIMPL) Project is a collection of efforts by fifteen partners in Sacramento supported by a \$23 Transformative Climate Communities (TCC) Program grant, with an additional \$68.4 million in leveraged funding.

ISR thanks the SIMPL Project partners for their grant reporting and continuous work in the development of the River District. Special thanks are also given to the California Air Resources Board and the California Strategic Growth Council for their technical reporting assistance.



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## I. BACKGROUND & OVERVIEW



Photo Credit: [River District Business Association](#)

### **Transformative Climate Communities Program**

The California Strategic Growth Council's (SGC) Transformative Climate Communities Program (TCC) empowers the communities most impacted by pollution to choose their own goals, strategies, and projects to reduce greenhouse gas (GHG) emissions and local air pollution.

Administered in partnership with the California Department of Conservation, TCC funds community-led development and infrastructure projects that achieve major environmental, health, and economic benefits in California's most disadvantaged communities. For more information, visit the [Transformative Climate Communities webpage](#).

TCC Program is currently funded under the General Fund's Climate Budget. TCC began as part of California Climate Investments, a statewide program that puts billions of Cap-and-Trade dollars to work reducing GHG emissions, strengthening the economy, and improving public health and the environment – particularly in disadvantaged communities. For more information, visit the [California Climate Investments website](#).

## Sacramento Integrated Multimodal Place-Based Living Project



Photo credit: The Sacramento Housing and Redevelopment Agency

**The Sacramento Integrated Multimodal Place-Based Living (SIMPL) Project** is a collection of efforts by fifteen partners in downtown Sacramento supported by a \$23 million Transformative Climate Communities (TCC) Program grant, as well as \$68.4 million in leveraged funding. The SIMPL Project grant period is from May 15, 2020 to March 31, 2026.






The SIMPL Project Area sits at the former western terminus of the Transcontinental Railroad. Once a vibrant hub for industry, it has since suffered from a century of disinvestment which left the community burdened with poverty, low educational attainment, high unemployment, and environmental and health challenges. As a resurgence of public and private investment in the area has sparked enthusiasm, the SIMPL Project and transformative plans aim to help ensure that the future of this community is inclusive and led by residents themselves. Sacramento Housing and Redevelopment Agency (SHRA) and partners have engaged hundreds of residents in dozens of community engagement activities, working to address the complex issue of greenhouse gas reduction by increasing multimodal transportation options for residents.

The SIMPL Project is made up of 15 partners in Sacramento that work to break down barriers to address multiple forms of pollution and socioeconomic hardship, which include the following:

- 1) Five **funded projects** that receive TCC funding to implement programs in the SIMPL Project Area,
- 2) Seven **leverage projects** that do not receive TCC funds but help advance the goals of the SIMPL Project; and,
- 3) Three **transformative plans** which include a mix of TCC and leverage funding to help create a unified approach among TCC partners around complex issues.

A brief description of each project is included on the following page.




## Funded Projects

-  1) **Mirasol Village Housing Development (Equitable Housing and Neighborhood Redevelopment Project)** | Creates a new, sustainable development with 427 units (104 of which are TCC-funded) within a 2.94 acre mixed-income complex and includes the creation of a park and other facilities to improve the built-in environment of the area.
-  2) **Dos Rios Light Rail Station (Transit and Rail Access Project)** | Adds a Sacramento Regional Transit (Sac RT) Light Rail station in the River District neighborhood.
-  3) **Mirasol Village Solar Panels (Decarbonized Energy and Energy Efficiency Project)** | Includes solar panel installation for Mirasol Village, offsetting more than half of the common area utility storage.
-  4) **River District NeighborWoods Program (Urban Greening and Green Infrastructure Project)** | Plants 870 trees, including 583 trees near Mirasol Village and 287 trees in the River District.
-  5) **Mirasol Village Community Garden (Health and Wellbeing Project)** | Adds a community garden for Mirasol Village and Sacramento residents, including 25,000 sq. feet and 40 garden plots.

## Leverage Projects

-  1) **Multimodal Mobility Projects** | Includes various projects in Downtown Sacramento to create more pedestrian, biker, and ADA friendly streets and infrastructure.
-  2) **River District City Parks** | Creates one new park in the River District as well as improvements to Matsui Park (also in the River District).
-  3) **SmaRT Ride Microtransit – SacRT** | Adds on-demand microtransit options in the Downtown, Midtown, East Sacramento, and Sacramento State University areas of Sacramento.
-  4) **Mirasol Village Park** | Creates one new park in the Mirasol Village complex.
-  5) **Downtown Riverfront Streetcar Project** | Adds a 1.51-mile extension from the Sac RT Light Rail at the Sacramento Valley Station to the Sutter Health Park in West Sacramento.
-  6) **Electric Vehicle (EV) Program** | Provides technical assistance to identify how EV charging infrastructure can be expanded in the SIMPL Project Area.
-  7) **Low-Income Weatherization Program** | Creates more energy efficient dwellings for low-income residents of the SIMPL Project Area.

## Transformative Plans

-  1) **Community Engagement Plan** | Helps create a uniform communication strategy among the various SIMPL Project partners and residents.
-  2) **Displacement Avoidance Plan** | Prevents the displacement of very low and low-income households as well as small businesses located in the SIMPL Project Area.
-  3) **Workforce Development Plan** | Coordinates job training and education programs meant to prepare residents in or near the River District to work for SIMPL funded projects.

A map with all SIMPL funded and leverage projects is included in the next page, followed by a table with additional details about each component of the SIMPL Project.

**Figure 1** -- The SIMPL Project Area

**SACRAMENTO INTEGRATED MULTIMODAL PLACED-BASED LIVING (SIMPL) PROJECT**



**FUNDED PROJECTS**

-  **#1 MIRASOL VILLAGE HOUSING DEVELOPMENT**
-  **#2 DOS RIOS LIGHT RAIL STATION**
-  **#3 SOLAR PANELS**
-  **#4 RIVER DISTRICT NEIGHBORHOODS PROGRAM**
-  **#5 MIRASOL VILLAGE COMMUNITY GARDEN**

**LEVERAGE PROJECTS**

-  **1 MULTIMODAL MOBILITY PROJECTS**
-  **2 RIVER DISTRICT PARKS**
-  **3 SMART RIDE MICROTRANSIT**
-  **4 MIRASOL VILLAGE CITY PARK**
-  **5 DOWNTOWN RIVERFRONT STREETCAR PROJECT**
-  **6 EV PROGRAM**
-  **7 LOW-INCOME WEATHERIZATION**

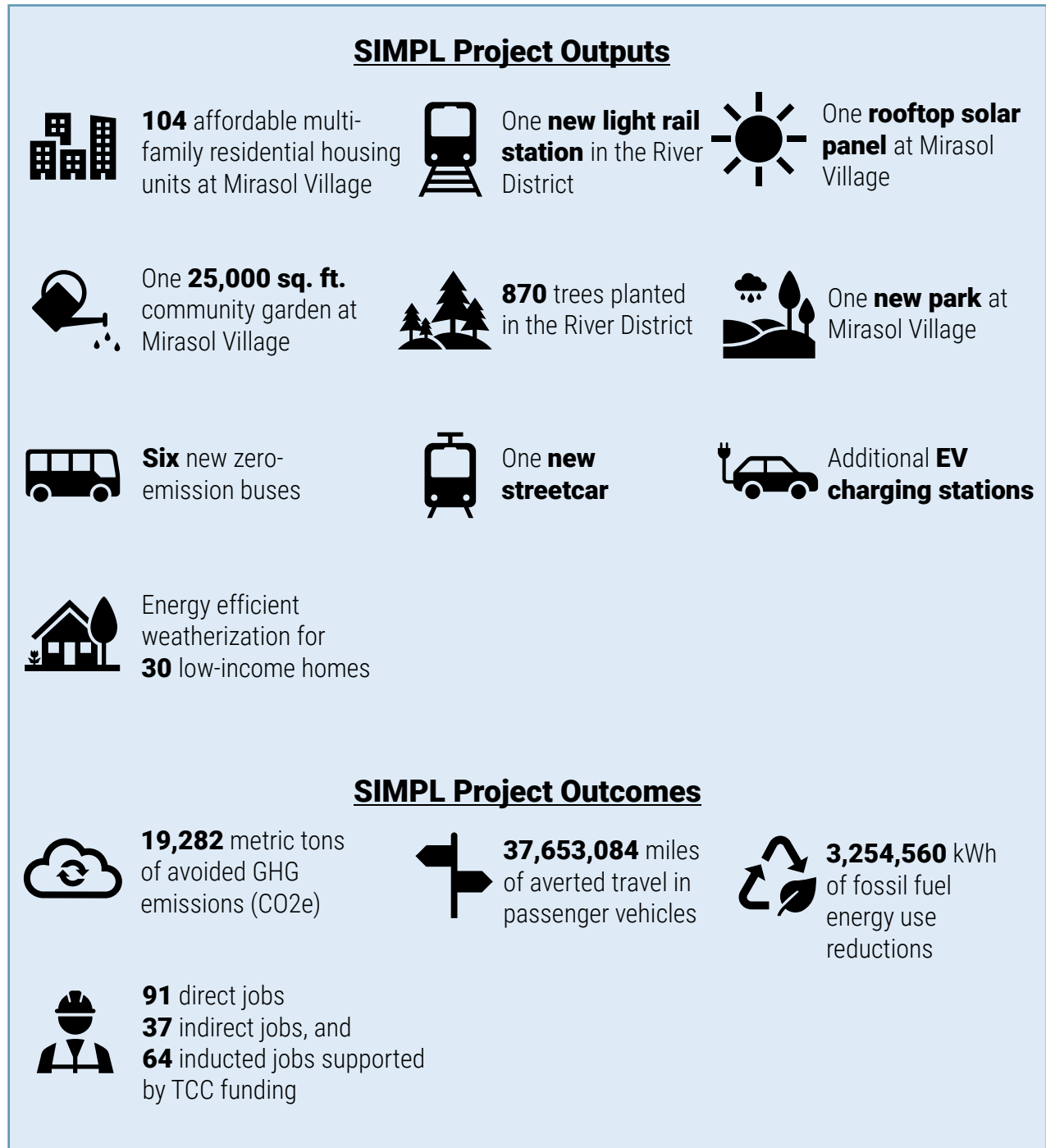
**Table 1 – SIMPL Projects & Transformative Plans**

<b>SIMPL Project Type</b>	<b>Name</b>	<b>TCC Project Type</b>	<b>Lead Entities</b>	<b>TCC Funding</b>	<b>Leverage Funding</b>
<b>Funded Projects</b>	Mirasol Village Housing Development	Equitable Housing and Neighborhood Redevelopment	SHRA, McCormack Baron Salazar	\$1,228,940	\$62,247,446
	Dos Rios Light Rail Station	Transit and Rail Access	Sacramento Regional Transit (Sac RT)	\$17,578,244	\$879,571
	Mirasol Village Solar Panels	Decarbonized Energy & Energy Efficiency	Grid Alternatives North Valley	\$180,580	\$318,460
	River District NeighborWoods Program	Urban Greening & Green Infrastructure	Sacramento Tree Foundation	\$385,200	\$67,850
	Mirasol Village Community Garden	Health and Wellbeing	SHRA, Alchemist CDC, City of Sacramento	\$64,135	\$369,216
<b>Leverage Projects</b>	Multimodal Mobility Projects	Active Transportation	City of Sacramento	-	\$12,135,000
	River District City Parks	Urban Greening & Green Infrastructure	City of Sacramento	-	\$1,265,000
	SmaRT Ride Microtransit	Transit and Rail Access	Sacramento Regional Transit (SacRT)	-	\$2,310,880
	Mirasol Village Park	Urban Greening & Green Infrastructure	SHRA	-	\$2,246,577
	Downtown Riverfront Streetcar Project	Transit and Rail Access	Sacramento Regional Transit (Sac RT)	-	\$95,300,000
	Electric Vehicle Program	Car Sharing and Mobility Enhancement	Sacramento Municipal Utility District (SMUD)	-	\$100,000
	Low-Income Weatherization Program	Decarbonized Energy & Energy Efficiency	Sacramento Municipal Utility District (SMUD)	-	\$749,999
<b>Transformative Plans</b>	Community Engagement Plan	N/A	SHRA	\$929,281	\$928,396
	Displacement Avoidance Plan	N/A	SHRA	-	\$123,750
	Workforce Development Plan	N/A	SHRA	-	\$1,783,000



## Anticipated Benefits of the SIMPL Project

The figure below represents anticipated benefits of the SIMPL Project. This includes both project outputs (a tangible product that occurs as an immediate result of the project) and project outcomes (desired changes that are expected to occur in relation to the project).



## SIMPL Year 3 Key Accomplishments

The figure below includes key accomplishments that occurred during Year 3 of the SIMPL Project. The progress highlighted below includes achievements that have occurred as a **direct result of TCC funding**.

### Year 3 Accomplishments of the SIMPL Project



#### **MIRASOL VILLAGE COMPLEX**

Construction began, resulting in **227,076 job hours** in construction, transportation warehousing, and utilities, with an average hourly wage of **\$52.06/hour**



#### **DOS RIOS LIGHT RAIL STATION**

Completed design of new Dos Rios Light Rail Station, and purchased right of way



#### **SOLAR PANELS PROJECT**

Completed design and began installing a solar panel system at Mirasol Village's Block A buildings.



#### **NEIGHBORWOODS**

Planted **229 trees**, saving **172,524 lbs. of CO<sub>2</sub>** and **\$65,457 in energy costs**



#### **MIRASOL VILLAGE GARDEN**

- Completed garden construction and **opened for the community** to enjoy.
- Held garden launch event with **85 participants**.



#### **COMMUNITY ENGAGEMENT**

- **Leadership Council** convened **three** times
- Conducted **18 community events**, engaging **279 participants**
- **31 residents** provided input on SIMPL Project via surveys or meetings

## **Evaluation Overview**

### **SIMPL Indicators & Data**

The evaluation technical assistance provider, the Institute for Social Research (ISR) at Sacramento State University, created an evaluation plan of the SIMPL Project that is intended to align with the overall TCC evaluation plan developed by the UCLA Luskin Center and UC Berkeley Center for Resource Efficient Communities.<sup>1</sup> The evaluation plan contains baseline context indicators, output/outcome, and impact indicators, which are described below.

### **Baseline Indicators**

Establishing baseline data for the SIMPL Project provides a starting point in terms of the conditions and context of the site. Indicator tracking begins in 2019, or the year before the SIMPL Project began (March 2020). These indicators help measure relevant aspects of the economy, energy consumption, environment, health, housing, transportation, and local demographics of the SIMPL Project site. To provide comparison, the same indicators will be collected across the selected control tracts and the County of Sacramento. Indicator data will be discussed at the end of this report (see [Appendix 1](#)).

### **Output and Outcome Indicators**

Indicators related to project implementation and intermediate outcomes were adopted per the TCC Evaluation Framework with specific project-based indicators added based upon meetings with SIMPL grantees. Output indicators describe the direct products that result from project activity (e.g., number of trainees) while outcome indicators measure changes related to project outputs (e.g., number of trainees with job placements). Sources of output and outcome indicators include surveys, indicator tracking spreadsheets (developed by ISR in partnership with SIMPL grantees) interviews, and focus groups. The previous year's report focused on examining baseline indicators, while this Year 3 report details the early progress of the SIMPL Project's interventions.

### **Impact Indicators**

Impact indicators will be collected at the end of the grant period and are a subset of the identified baseline indicators. By comparing these impact indicators to baseline data, ISR will evaluate the SIMPL Project at a larger, community level. Additional data collection and analysis will occur two years after the grant has concluded to better capture long-term impacts of the program.

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<sup>1</sup> Transformative Climate Communities Evaluation Plan: A Road Map for Assessing Progress and Results of the Round 1 Place-based Initiatives (November 2018). UCLA Luskin Center and UC Berkeley Center for Resource Efficient Communities

## II. SIMPL PROJECTS AND TRANSFORMATIVE PLANS



Photo courtesy of Sacramento Housing and Redevelopment Agency

SIMPL includes three components: 1) **funded projects**, 2) **leveraged projects** (do not receive TCC funds), and 3) **transformative plans** which catalyze a holistic community investment approach designed to cultivate a thriving community through community engagement, workforce development, and displacement avoidance.

### Funded Projects

TCC funds the following projects: 1) Mirasol Village Rivers Housing Redevelopment, 2) Dos Rios Light Rail Station, 3) Mirasol Village Solar Panels, 4) River District NeighborWoods Program: and, 5) Mirasol Village Community Garden.

# Project 1. Equitable Housing and Neighborhood Development | Mirasol Village Housing Development



Photo courtesy of Sacramento Housing and Redevelopment Agency

The Mirasol Village Housing Development is the central site of the SIMPL Project. Mirasol Village is a new construction at 321 Eliza Street led by McCormack Baron Salazar. The Mirasol Village Housing Development includes a total 427 units, with 218 one-for-one replacement units from the original Dos Rios Housing development, and a range of amenities and resources to the development. TCC funds were used to develop 104 units in Block A of the development.

**PROJECT DETAILS**

**Anticipated Completion: April 2025**

**TCC Grant Funds: \$1,228,940**

**Leverage Funds: \$62,247,446**

The units are spread across eight buildings, ranging from townhouses to garden style apartments, and constructed around 72 on-site parking spaces. Amenities include a fitness center, club room, bike repair kiosk and storage, pool, BBQ and picnic tables, community room, playground, dog park and EV charging stations. Secured bicycle parking is provided for 104 bikes within a secured room, featuring bike racks that allow for bike storage and accessibility by key fob access. The project also incorporates leverage-funded Housing Related Infrastructure: development of a storm water system, public park, street lighting, and other improvements to support the housing development. The Sustainable Transportation Infrastructure portion of the project will construct a multimodal hub location: infrastructure for the new rail transit station, bike-share and charging stations, and

improved pedestrian and bicycle network. The Sustainable Transportation Infrastructure's program will fund one transit pass per restricted unit at 50 percent of total cost for three years, and TCC grant funds will support an additional 5,400 transit vouchers that will be distributed to students in the Project Area. Through leverage funding, the project includes two electrical vehicles and four charging stations. At the end of the SIMPL Project's third year, construction of the Mirasol Village Housing Development was ahead of schedule.

#### Equitable Housing & Neighborhood Development | **YEAR 3 UPDATES**

- Completed 62 percent of construction (ahead of schedule)
- Created 109 full-time equivalent jobs in construction, transportation and warehousing, and utilities, with an average hourly wage of \$52.06/hour

## Project 2. Transit and Rail Access | Dos Rios Light Rail Station

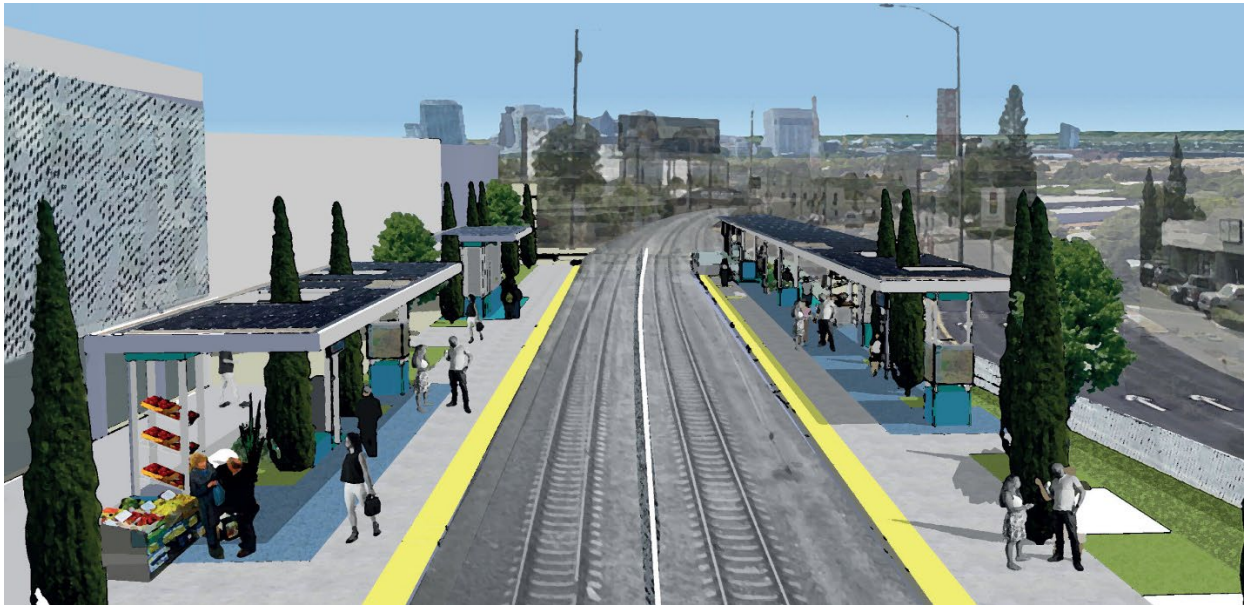


Photo courtesy of Sacramento Housing and Redevelopment Agency

The Transit and Rail Access project includes the design and construction of a new Dos Rios Light Rail station in the River District at Richards Boulevard. The station is across the street from the planned redevelopment of the Mirasol Village Housing Development. The station plans include a bike-share hub and connection to the City of Sacramento's comprehensive "Complete Streets" project on North 12th Street. The project also provides transit vouchers to encourage ridership. The supporting entity involved with this project is the Boys and Girls Club of Greater Sacramento. Following its completion, SacRT will maintain and operate the Dos Rios Light Rail station.

These transit improvements will be key for connecting the River District, a physically isolated neighborhood despite its close proximity to Downtown Sacramento. The neighborhood's lack of public transit, paired with an absence of pedestrian-friendly walkways in an area with heavy car and truck traffic, the River District has historically been a challenging area to travel to and from, especially by foot, bike, or a mobility device. Together, these transit improvements are expected to connect Downtown Sacramento to the residents of Mirasol Village and the River District at large. Overall, these improvements have great potential in not only providing more transit options in the River District, but in connecting Mirasol Village residents to vital amenities like grocery stores and health providers throughout the City of Sacramento.

### PROJECT DETAILS

**Estimated Completion:** April 2025

**TCC Grant Funds:** \$17,578,244

**Leverage Funds:** \$879,571

### Transit and Rail Access | YEAR 3 UPDATES

- Purchased Right of Way

### Project 3. Decarbonized Energy and Energy Efficiency | Mirasol Village Solar Panels



Photo courtesy of Sacramento Housing and Redevelopment Agency

The Decarbonized Energy and Energy Efficiency project includes installation of a rooftop solar photovoltaic (PV) panel system at the Mirasol Village Housing Development. The system's 38 arrays are installed on the rooftops of Block A's eight buildings. The system has a capacity of 136 kW-DC, offsetting approximately 1,758 metric tons of CO<sub>2</sub> emissions and more than 50 percent of common area utility usage. Grid Alternatives (GA) is a strong partner given their expertise in solar power infrastructure. Additionally, GA has experience in conducting job training for disadvantaged communities and provides training and resources for monitoring and maintaining the grid system as part of the grant.

#### **PROJECT DETAILS**

**Estimated Completion:**  
May 2023

**TCC Grant Funds:** \$180,580

**Leverage Funds:** \$318,460

#### **Decarbonized Energy and Energy Efficiency | YEAR 3 KEY UPDATES**

- Executed contract with general contractor
- Finalized solar panel design
- Began system installation of solar panels



## Project 4. Urban Greening and Green Infrastructure | River District NeighborWoods Program



Photo courtesy of Sacramento Tree Foundation

The Sacramento Tree Foundation (STF) leads the community-based urban forestry campaign in the SIMPL Project to improve the public health of the neighborhood. This involves significant community engagement and input, such as regular tree planting events with community members. Tree care and tree monitoring will be done by the workforce development partner, Sacramento Regional Conservation Corps (SRCC) and trained residents will also help provide guidance to their fellow residents at tree care events. A total of 870 trees will be planted as a part of this project; 287 trees outside of Mirasol Village residential area and 583 trees within Mirasol Village residential area. Tree planting began in the second year of the project and will continue for the next two years.

Tree planting projects, sites, and planting plans were established through a collaborative design process including STF, the property owner, and community input. STF will conduct a total of six community tree care events, three inside the Mirasol Village complex and three outside the Mirasol Village complex. These care events will be hands-on educational workshops on tree pruning,

### **PROJECT DETAILS**

**Estimated Completion:** April 2025

**TCC Grant Funds:** \$385,200

**Leverage Funds:** \$67,850

mulching, and watering. At these events, community members will learn how to care for their own trees and will perform tree maintenance on trees planted through the project.

Through these community tree care events, NeighborWoods intends to increase awareness of residents about how trees can improve quality of life. Although Sacramento is known as the “City of Trees” with its tree canopy covering nearly 20 percent of the City, the tree canopy is not evenly distributed across neighborhoods. For example, the affluent Land Park neighborhood enjoys almost four-times the tree coverage compared to the Meadowview area in South Sacramento.<sup>2</sup> Disparities in tree canopies can be linked to environmental and public health outcomes such as lower summer temperatures, reduced asthma and obesity, and many measures of overall public health.<sup>3</sup> Through the NeighborWoods project, the Sacramento Tree Foundation and its partners aim to create more equitable tree canopy coverage in the Railyards community.

In Year 3, STF planted 229 trees in the River District.

### Urban Greening and Green Infrastructure | **YEAR 3 KEY UPDATES**

- Planted 229 trees, resulting in avoiding 172,524 pounds of CO<sub>2</sub> and \$65,457 in energy cost savings
- Conducted five outreach presentations engaging 168 total participants
- Held three planting and tree care workshops with a total 100 participants

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<sup>2</sup> Finch II, Michael (2019). How Sacramento’s urban forest divides the city, in health and in wealth. Retrieved from <https://www.sacbee.com/news/local/sacramento-tipping-point/article235884122.html>.

<sup>3</sup> CAPA Strategies, LLC (2019). Heat watch report: Sacramento, CA. Retrieved from [https://drive.google.com/file/d/1dbNYf4th6YONle16yjmhZHjRltuP4\\_nt/view](https://drive.google.com/file/d/1dbNYf4th6YONle16yjmhZHjRltuP4_nt/view)

## Project 5. Health and Wellbeing | Mirasol Village Community Garden



Photo courtesy of Institute for Social Research

### PROJECT DETAILS

**Estimated Completion:**  
April 2025

**TCC Grant Funds:** \$64,135

**Leverage Funds:** \$369,216

The Mirasol Village Community Garden project developed, constructed, and is now operating a 25,000 square foot community garden at the Mirasol Village Housing Development. The garden includes eight orchard trees and 40 to 50 plots for residents to grow their own produce. Community engagement partner, Alchemist Community Development Corporation (Alchemist CDC) has and will continue to conduct community outreach, organize resident participation in

community events, and hold activities in the community garden. The City of Sacramento will maintain garden upon completion. Garden maintenance will be performed by the City of Sacramento in perpetuity.

The community garden has already served as a hub for both local organizations and neighborhood residents. Local organizations, including the City of Sacramento, Sacramento Tree Foundation, Alchemist CDC, and SHRA, have worked in collaboration to establish Mirasol Village Garden as a community hub. The garden has already hosted several events and is a highlight for the community. According to one community member, these events have been a key way to build relationships with neighbors and feel safe being in the area

“ I love the little events that we're having here. They've been both very fun. I've been able to visit with my fellow community members, gave me a chance to meet everybody, see people's faces. I think that that's an important part of my ability to feel safe, is that **I want my neighbors to know me and I want to know them**, so that if any of us needs something, we have each other's backs. ”

### Health and Wellbeing | YEAR 3 UPDATE

- Completed construction of community garden and is open to the Mirasol Village community
- Held three resident Gardener Gathering meetings
- Held community garden launch event, Spring Fling, with 85 participants

## Leveraged SIMPL Projects

Seven leverage funding projects support SIMPL goals by breaking down barriers to address multiple forms of pollution and socioeconomic hardship. Specifically, four of these projects (L1, L3, L5, and L6) help leverage the transit improvements of the new Dos Rios Light Rail Station. Together, these projects promote mobility access to residents throughout Sacramento, particularly residents of the River District, who have historically had limited access to public transit options.

### L1. Multimodal Mobility Projects



Photo courtesy of [City of Sacramento](#)

The leveraged Multimodal Mobility project includes extending existing and implementing new, protected bikeways in the Central City. It converted 5th Street and a portion of I Street from one-way to two-way traffic and reduces the number of lanes on North 12th Street from four to three lanes. A two-way protected bikeway and pedestrian improvements were added along with a new signal and wayfinding. New art and lighting will be created as a compliment to the expanding River District tree canopy. Finally, ADA-compliant curb ramps, new sidewalks and 30 new traffic and safety signs were created and bike access to the Sacramento Valley train station was improved.

#### **PROJECT DETAILS**

**Completed:** Dec 2022

**Leverage Funds:** \$12,135,000

## **Multimodal Mobility Projects | YEAR 3 UPDATES**

Construction was completed for the following projects during Year Three of the SIMPL Project:

- Reduced lanes on North 12th St. from 4 to 3 lanes
- Added a two-way protected bikeway
- Added a new signal and wayfinding
- Created new lighting
- Completed two new murals for transit area beautification
- Expanded the tree canopy with 32 new trees
- Added 8 ADA-compliant curb ramps
- Added 8,689 square feet of ADA-compliant sidewalks
- Installed 30 new signs

## L2. River District City Parks

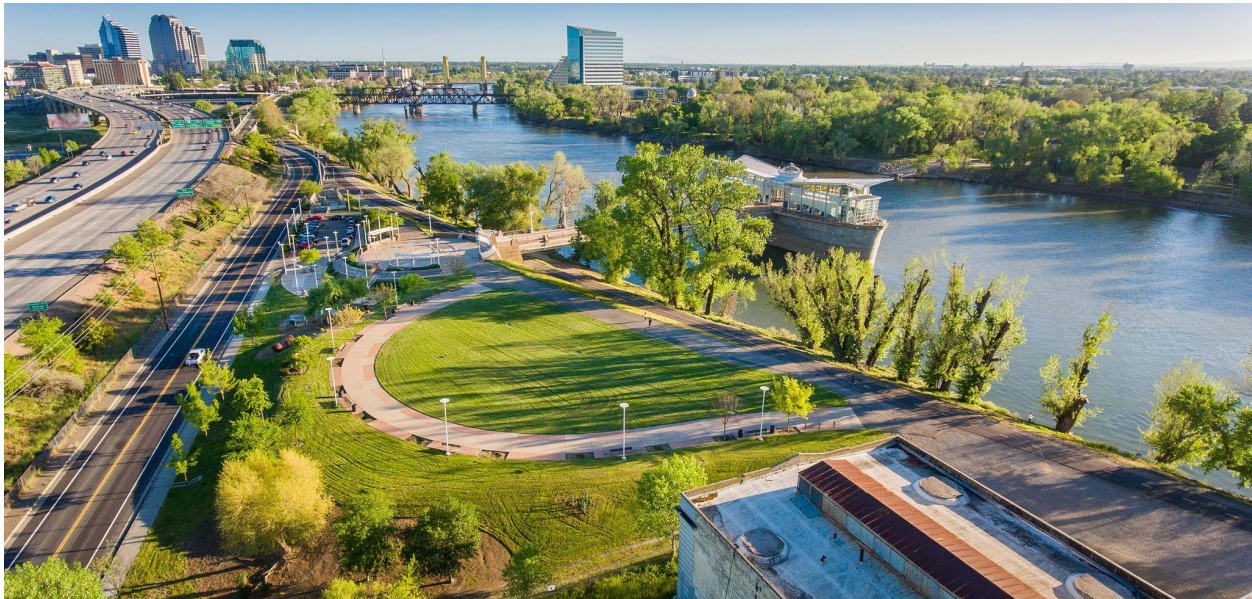


Photo courtesy of [Sacramento Tree Foundation](#)

The River District City Parks leveraged project includes the construction of a new city park and revitalization to the existing Matsui Park. The new park is the site for the River District Basketball Court which began construction in January. A collaboration with the Sacramento Tree Foundation provided trees for the project. The grading, draining, water tap, and aggregate base work is complete, and the sidewalk concrete flatwork and concrete curbs are 75% complete. Planned site furniture and amenities will also include asphalt paving, street right-of-way improvements, sidewalk, concrete work, drinking fountain, multipurpose court, picnic area, signage, irrigation, and landscaping.

Matsui Park began construction in December 2021, with grading and excavation work. The contractor graded, formed, and poured the concrete retaining walls, ramps, walkway, and stairs. Despite shipping delays, the retaining walls and stairs were fabricated, and site furniture ordered. The walkways, stair railings, irrigation system, landscape and tree planting, and site furniture were installed in 2022.

### **PROJECT DETAILS**

**Estimated Completion:**  
Dec 2022

**Leverage Funds: \$1,265,000**

## River District City Parks | YEAR 3 UPDATES

The following components have **started** or are in the **planning phase**:

- Adding sloped walkway and stairs to connect park to street and the SMUD Museum of Science and Curiosity
- Adding stairs to connect park to the street and the SMUD Museum of Science and Curiosity
- Adding retain wall along Jibboom Street
- Replacing Landscaping in Park

The following components have been **completed**:

- Creation of one new River District park (30,945 square feet)
- Grading, drainage, water tap, aggregate base, 75% of the sidewalk concrete flatwork, and concrete curbs
- Construction of two basketball courts

### L3. SmaRT Ride Microtransit – SacRT



Photo courtesy of [Sacramento Regional Transit](#)

The SmaRT Ride Microtransit Project provides an on-demand microtransit route service in the central Sacramento areas. This service provides residents with more direct point-to-point service over shorter distances where fixed-route and scheduled transit traditionally competes poorly. The route provides connectivity between lower density neighborhoods in East Sacramento and medical facilities not easily reached by fixed-route transit. The areas served are Downtown Sacramento, Old Sacramento, Midtown, McKinley Park, Broadway, and Tahoe Park areas. This route was made possible through the purchase of six zero-emissions buses, construction of six bus charging stations, and the purchase of five gasoline buses.

#### PROJECT DETAILS

**Project Completed: Oct 2020**

**Leverage Funds: \$2,310,880**

#### SmaRT Ride Microtransit | Completed

- Purchased six zero-emission buses
- Purchased six electric bus chargers
- Designed and constructed six bus charging stations
- Purchased five gasoline buses



## L4. Mirasol Village Park



Photo courtesy of Institute for Social Research

The Mirasol Village Park project is a 1.06-acre park that incorporates an underground storm water facility. The public park incorporates children's play equipment (assembled according to age group), shade structures, and open recreational fields. The open fields include soccer fields to allow for organized youth activities. All components of the park have been completed, as noted below.

### PROJECT DETAILS

**Completed: June 2022**

**Leverage Funds:  
\$2,246,577**

### Mirasol Village Park | Year 3 UPDATES

The project has been **completed**:

- Designed new 1.06-acre park
- Designed 11 age-appropriate child play equipment
- Designed four shade structures
- Designed four recreational fields (with soccer field)
- Constructed new 1.06-acre park
- Constructed 11 age-appropriate child play equipment
- Constructed four shade structures
- Constructed four recreational fields (with soccer field)
- Incorporated underground storm water management system (17,670 gallons)

## L5. Downtown Riverfront Streetcar Project



Photo courtesy of [Sacramento Regional Transit](https://www.sacrt.com/)

The Downtown Riverfront Streetcar project is a 1.51-mile extension of Sacramento's Regional Light Rail System from the Sacramento Valley Station to Sutter Health Park in West Sacramento and other high-trip areas<sup>4</sup>. The Connector project will add: one new Light Rail station at Sutter Health Park, a second boarding platform at the Sacramento Valley Station, five Light Rail vehicles, three Light Rail stops, three platforms, and six signs.

### PROJECT DETAILS

**Estimated Completion: Jan 2023**

**Leverage Funds: \$95,300,000**

### Light Rail Connector Project | Year 3 UPDATES

The following components have been **completed**:

- Conducted Environmental Study

The following components have **started** or are in the **planning phase**:

- Adding New Light Rail Station at Sutter Health Park
- Adding boarding platform at Sacramento Valley Station
- Adding five Light Rail vehicles and three Light Rail Stops
- Adding three additional platforms
- Adding six signs
- Updates to Design/Operation Plan

<sup>4</sup> More information and mapping of the Downtown River Front Streetcar project can be found via SacRT at <https://www.sacrt.com/apps/sacramento-downtown-riverfront-streetcar-project/>

## L6. Electric Vehicle Program



Photo courtesy of Midstate Construction

### PROJECT DETAILS

**Estimated Completion: May 2025**

**Leverage Funds: \$100,000**

The goal of the leveraged Electric Vehicle Program project is to provide technical advising services to help identify how electric vehicles (EV) charging infrastructure can be expanded within the Project Area. The Electric Vehicle Program will provide opportunities for area residents, employees, and visitors to use electric vehicles.

The program has purchased and installed three EV chargers at Mirasol Village in Blocks A, B, and E. Advising services will determine the feasibility of installing an additional two to four EV charging stations at a local park. Additionally, the project will explore acquiring other available state, federal, and SMUD incentives to incorporate into the project as available.

### Electric Vehicle Program | Year 3 UPDATES

- Purchased and installed three EV chargers

## L7. Low-Income Weatherization Program



Photo courtesy of [ZME Science](#)

The Low-Income Weatherization project will help with the creation of more energy efficient dwellings for residents in the Project Area through a series of energy efficiency packages. These packages include: rooftop solar for two homes, deep home weatherization for 30 homes, delivery of 200 house bundles, and delivery of 800 apartment bundles.

### **PROJECT DETAILS**

**Estimated Completion:**

**April 2023**

**Leverage Funds: \$749,999**

Additionally, bill assistance and discounts for qualifying residents will be available.

### **Low-Income Weatherization Program | Year 3 UPDATES**

The following components are **in-progress**:

- Began providing house bundle of energy efficient materials to apartments.
- Began conducting energy audits for apartments receiving apartment bundle.

**Planning** has begun for the following components:

- Installing rooftop solar panels for 2 homes
- Deep home weatherization for 30 low-income homes
- Conducting 30 energy audits for homes receiving deep home weatherization
- Providing house bundle of energy efficient materials to 200 houses
- Conducting 200 energy audits for homes receiving house bundle

## **Transformative Plans**

SIMPL Transformative Plans help create a unified approach among both funded and leverage partners around complex issues including community engagement, displacement, and workforce development.

### **Collaborative Stakeholder Structure: SIMPL Leadership Council**



Photo courtesy of Sacramento Housing and Redevelopment Agency

The collaborative stakeholder structure of the SIMPL Project is represented in the Leadership Council. The Leadership Council is an advisory body comprised of stakeholders from each of the funded projects, the transformative plans, and Mirasol Village. Specifically, the composition of the Leadership Council includes the following:

- The Sacramento Housing and Redevelopment Agency
- Representatives from each of the five funded projects (i.e., McCormack Baron Salazar, Sacramento Regional Transit, Grid Alternatives, the Sacramento Tree Foundation, and Alchemist CDC)
- One representative from each of the Transformative Plans (i.e., the Workforce Development and Economic Opportunities workgroup, the Community Engagement Plan workgroup, and the Displacement Avoidance Plan workgroup)
- One River District Property-Based Improvement District representative

- Up to four subcontractors of the funded projects, with a maximum of one subcontractor per project
- One Mayor's Office Representative
- One member of the Sacramento City Council from District 3
- The Institute for Social Research
- Up to eight at-large seats for interested low-income residents residing in the SIMPL Project Area including, two residents from Mirasol Village public housing, two residents from Cannery Place (a development located in the River District) and one resident from Washington Plaza (a public housing development for seniors located in the SIMPL Project Area) and other community stakeholders.

According to the governance bylaws and overall structure, individuals and organizations can petition to sit on the Leadership Council by sending a letter of interest. When all seats are filled, a new seat can be created with a two-thirds majority of Leadership Council members. The overall lead for the Leadership Council is SHRA. As the Leadership Council develops, ad hoc committees may be formed which report to the Leadership Council.

Overall, the intended outcome of the Leadership Council is to create a unified approach for the SIMPL Project among all stakeholders. Specifically, the Leadership Council is intended to be a space in which community engagement events can be disseminated among all SIMPL partners, where conflict resolution and concerns can be addressed, and to serve as an incubation space to crosspollinate ideas to spur collaboration among SIMPL Project stakeholders.

#### Collaborative Stakeholder Structure | YEAR 3 UPDATES

- Convened the Leadership Council three times with 12-14 participants each meeting.
- Mirasol Village residents and a Sacramento Regional Transit worked to establish a clear stop location for the SmART Ride.

## Community Engagement Plan



Photo courtesy of Sacramento Housing and Redevelopment Agency

SHRA is overseeing public engagement throughout the duration of the SIMPL Project. The Community Engagement Plan (CEP) is meant to accomplish the following: growth and diversification of community engagement activities; community satisfaction with projects and process; identifying new leaders; sense of ownership of process and improvements; and increased awareness of health and environmental issues. The CEP had developed an oversight Leadership Council that consists of residents and stakeholder leaders, including representatives from the SIMPL Resident Advisory Board, a community engagement workgroup. The Community Engagement Plan is focused on outreach to hard-to-reach populations and those with language access barriers. Another CEP component is a communication matrix that identifies all communication channels (digital platforms, social media, partner email lists, newsletters, outdoor marketing) to share TCC progress updates and quarterly newsletters to SIMPL residents and stakeholders.

In addition to ongoing engagement activities, focused community engagement is taking place around the SIMPL funded projects. Supporting entities for the Community Engagement Plan implementation include Urban Strategies, GRID Alternatives, Alchemist CDC, Sacramento Tree Foundation, SacRT, River District Association, Civic Thread, and SHRA VISTA volunteers.

### Community Engagement Plan | YEAR 3 UPDATES

- Conducted 18 community events, including: Spring Fling event, neighborhood presentations, community planting, and tree walk events
- Received input from 31 residents on the SIMPL Projects via surveys or meetings
- Engaged 279 participants through SIMPL Community Events
- Referred 217 residents to Urban Strategies' Health and Wellness Program

## Displacement Avoidance Plan



Photo courtesy of [The Guardian](#)

The SIMPL Displacement Avoidance plan is designed to prevent the displacement of very low and low-income households as well as small businesses located in the SIMPL Project Area. Household displacement avoidance strategies include the production of affordable family-sized rental and ownership units, one-to-one replacement of distressed public housing, tenant protection and support efforts through maximizing acceptance of rental subsidies, and annual tenant rights workshops. Small business displacement avoidance strategies, led by the Sacramento Employment and Training Agency (SETA), include business retention and development workshops, layoff aversion workshops, and the creation of a job displacement profile. As the lead entity, SHRA will engage partners including the City of Sacramento, SETA, and Legal Services of Northern California to develop and execute project tasks. This year, SHRA employed housing locators, who act in a case management capacity to connect residents to Emergency Housing Vouchers.

### **PROJECT DETAILS**

**Estimated Completion: April 2025**

**Leverage Funds: \$125,750**



## Displacement Avoidance Plan | YEAR 3 UPDATES

- Hired three housing locators
- Provided monthly landlord educational webinars
- Hosted 30 tenants' rights workshops with a total of 346 participants
- Conducted 18 one-on-one counseling sessions with local businesses
- Held 153 small business community events, with 2,146 total participants

## Workforce Development and Economic Opportunities Plan



Photo courtesy of [GRID Alternatives](#)

The Workforce Development and Economic Opportunities (WDEO) transformative plan provides job training and education programs to prepare area residents to be part of the Mirasol Village and SacRT construction workforce. Sacramento Employment and Training Agency (SETA) supports the Construction Workforce Development activities and formed the Workforce Advisory Committee. SETA, SHRA, and SacRT developed a plan for construction apprenticeships with People Working Together, Cosumnes River College, and American River College to certify and provide on-the-job training for 100 workers. GRID Alternatives provided training to eight individuals in the Installation Basics Training program through the Solar Workforce Development program. Urban Strategies and Greater Sacramento Urban League (GSUL) also supports SHRA with the implementation of this plan by providing case management, job training opportunities, and resource events. SacRT and SHRA's partnership includes a local hiring contract to prioritize the hiring of the trained SIMPL area residents when the Dos Rios Light Rail Station's construction begins.

### **PROJECT DETAILS**

**Estimated Completion: April 2025**

**Leverage Funds: \$1,783,000**

### **Workforce Development & Economic Opportunities | YEAR 3 UPDATES**

- Enrolled 135 program participants in job training opportunities with case management services
- Provided solar installation training to 8 residents
- Placed 347 program participants into employment at 70 resource events with job placement opportunities. Twenty-nine of program participants were from the SIMPL Project Area

# APPENDICES

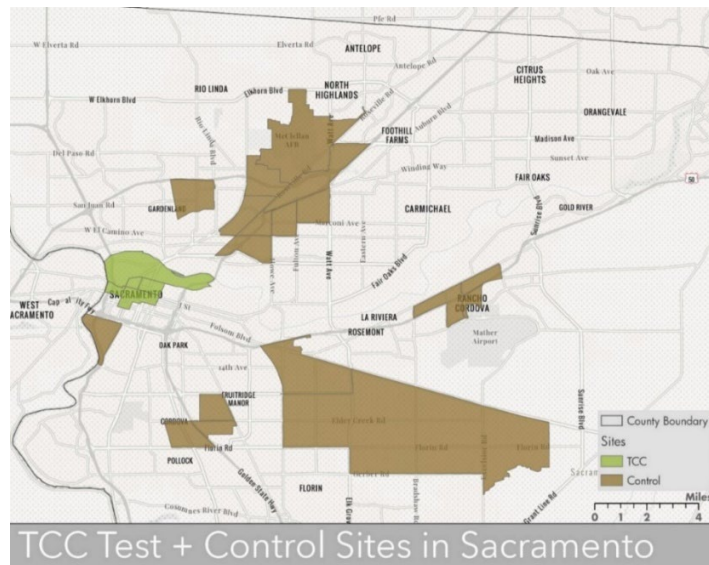
## Appendix 1 – SIMPL Indicators

Given the breadth and investment of both funded and leverage SIMPL Projects described above, understanding the extent to which these collective efforts result in long-term changes for the SIMPL Project Area will be key in examining the success of the project overall. To help better understand the changes and context of the SIMPL Project, indicators are used to measure changes in six key areas: demographics, economy, energy, housing, health, and transportation. These indicators will be examined on an annual basis and compared after the conclusion of the SIMPL Project to conduct an impact evaluation. Though indicators will be collected annually as an update on the region and the corresponding tracts, comparisons between the years will not be made until community-level data is available for two non-overlapping five-year samples.

### SIMPL Control Site Identification

Long-term changes in the SIMPL Project Area will be measured at the end of the grant period by using a control site. Using a control site will allow for comparisons with the SIMPL project site, and to isolate those external factors that may be contributing observed changes (e.g., a reduction in poverty may be related to federal policy as opposed to the SIMPL Project activities). Using the recommended methodology from the UCLA Luskin Center<sup>5</sup>, ISR identified the demographic, economic, and environmental characteristics of census tracts within the SIMPL Project Area and then identified census tracts within Sacramento County with a similar profile of characteristics. The control sites are identified in Figure 1 below<sup>6</sup>.

**Figure 2** – Map of SIMPL Project Site and Control Sites in Sacramento County



<sup>5</sup> Transformative Climate Communities Evaluation Plan: A Road Map for Assessing Progress and Results of the Round 1 Place-based Initiatives (November 2018). UCLA Luskin Center and UC Berkeley Center for Resource Efficient Communities.

<sup>6</sup> For more detailed information on the individual census tracts that form the Control and the SIMPL area, refer to Appendix One.

## SIMPL Area and Control Census Tracts

**Table 2 – SIMPL Area Census Tracts**

Census Tract GeolD Number	Municipality	Population (ACS 2015-2019 estimate)	Area (sq. mi)	Population Density (pop. / sq. mi.)
06067000501	City of Sacramento	2,107	0.20	13,801
06067000502	City of Sacramento	1,345	0.20	7,402
06067000600	City of Sacramento	1,255	0.20	8,000
06067000700	City of Sacramento	2,790	0.20	15,329
06067001102	City of Sacramento	1,340	0.20	8,776
06067001103	City of Sacramento	1,207	0.50	2,662
06067005301	City of Sacramento	1,566	2.30	678

**Table 3 – Control Census Tracts**

Census Tract GeolD Number	Municipality	Population (ACS 2015-2019 estimate)	Area (sq. mi)	Population Density (pop. / sq. mi.)
06067002200	Sacramento	4,791	0.90	5,178
06067004502	Sacramento	5,336	1.00	5,115
06067004603	Sacramento	2,675	0.30	9,606
06067004604	Sacramento	5,124	0.60	8,581
06067004702	Sacramento	5,084	0.60	8,552
06067005205	Sacramento	2,913	3.40	849
06067006101	Unincorporated Sacramento County	4,632	1.10	4,290
06067006202	Unincorporated Sacramento County	3,955	0.60	6,295
06067006203	Unincorporated Sacramento County	3,747	0.40	10,566
06067006204	Unincorporated Sacramento County	3,219	0.50	6,368
06067006300	Sacramento	4,922	1.10	4,619
06067006400	Sacramento	5,208	1.30	3,910
06067006705	Sacramento	5,288	0.90	5,675
06067006706	Sacramento	3,177	0.60	5,516
06067007301	Unincorporated Sacramento County	5,040	4.90	1,020
06067007413	Sacramento	6,255	2.10	2,953
06067009006	Rancho Cordova	4,995	1.10	4,454
06067009007	Rancho Cordova	2,281	0.40	6,011
06067009008	Rancho Cordova	5,625	0.60	10,067
06067009201	Sacramento	5,549	21.60	257

## SIMPL Community Indicators

Community Indicators are reported below primarily using American Community Survey data <sup>7</sup>, five-year samples. The following section provides updated community indicators used to better contextualize the SIMPL Project Area and includes the SIMPL census tracts, control census tracts, Sacramento County, and California.

**Table 4** – Demographic Indicators

Indicator	ACS Five-Year Sample	SIMPL Census Tracts	Control Census Tracts	Sacramento County	California
<b>Total Population</b>	2019	11,332	92,118	1,524,553	39,283,497
	2020	11,610	89,816	1,537,948	39,346,023
<b>Percent Hispanic</b>	2019	21.8%	35.4%	23.2%	39.0%
	2020	21.9%	33.4%	23.4%	39.1%
<b>Percent Non-Hispanic Asian</b>	2019	7.2%	10.6%	15.4%	14.3%
	2020	8.1%	15.4%	16.4%	14.6%
<b>Percent Non-Hispanic Black/African American</b>	2019	20.3%	13.4%	9.5%	5.5%
	2020	16.8%	11.6%	9.3%	5.4%
<b>Percent Non-Hispanic White</b>	2019	43.9%	31.9%	44.7%	37.2%
	2020	46.7%	31.3%	43.7%	36.5%
<b>Percent Non-Hispanic Other (Pacific Islander, AIAN, Other, 2+ Races)<sup>8</sup></b>	2019	6.7%	10.1%	11.0%	6.4%
	2020	6.5%	8.3%	7.2%	4.4%
<b>Percent Foreign-Born</b>	2019	13.2%	30.5%	22.0%	27.2%
	2020	12.2%	27.6%	20.9%	26.6%

**Table 5** -- Economic and Education Indicators

	ACS Five-Year Sample	SIMPL Census Tracts	Control Census Tracts	Sacramento County	California
<b>Median household income</b>	2019	\$29,617	\$39,596	\$67,151	\$75,325
	2020	\$39,022	\$45,966	\$70,684	\$78,672
<b>Percent living below poverty</b>	2019	34.2%	29.6%	14.7%	13.4%
	2020	26.9%	24.7%	13.9%	12.6%
<b>Percent high-income households (125k+)</b>	2019	14.7%	7.5%	22.1%	28.0%
	2020	15.9%	10.6%	23.9%	29.8%
<b>Percent with less than high school education</b>	2019	16.0%	21.9%	12.2%	16.0%
	2020	17.0%	21.6%	11.9%	15.4%
<b>Percent with bachelor's degree or higher</b>	2019	34.4%	12.3%	28.3%	31.0%
	2020	34.0%	14.5%	29.0%	31.9%
<b>Percent employed in civilian labor force</b>	2019	91.0%	90.6%	93.5%	93.3%
	2020	93.1%	91.4%	93.6%	93.8%

<sup>7</sup> The American Community Survey produces community data each year under the United State Census Bureau (<https://www.census.gov/programs-surveys/acs/data.html>).

<sup>8</sup> Pacific Islander, AIAN, and those with two or more races are aggregated with "Other" to have roughly comparable same sizes to the other racial/ethnic categories.

**Table 6 – Fossil Fuel Energy Use Indicators**

Indicator	ACS Five-Year Sample	SIMPL Census Tracts	Control Census Tracts	Sacramento County	California
Percent of households heating home with electricity	2019	62.4%	34.7%	34.7%	26.6%
	2020	60.4%	36.2%	35.5%	27.1%
Percent households heating home with utility gas	2019	35.3%	62.3%	61.7%	64.1%
	2020	36.0%	60.4%	60.6%	63.6%
Percent households heating home with other fossil fuels	2019	0.9%	2.0%	2.7%	5.3%
	2020	1.9%	2.6%	2.8%	5.4%
Percent households with no fuel used	2019	1.3%	0.8%	0.6%	3.3%
	2020	1.7%	0.5%	0.7%	3.2%

**Table 7 – Homeownership Indicators**

Indicator	ACS Five-Year Sample	SIMPL Census Tracts	Control Census Tracts	Sacramento County	California
Percent homeowners	2019	11.9%	38.6%	56.4%	54.9%
	2020	13.8%	44.0%	57.4%	55.3%
Percent of homeowners paying ≥30% of income on mortgage	2019	25.3%	24.9%	23.3%	26.7%
	2020	25.7%	40.5%	32.9%	37.9%
Percent of homeowners paying ≥50% of income on mortgage	2019	11.4%	10.9%	8.9%	11.0%
	2020	8.3%	15.3%	12.3%	15.7%
Percent of homeowners in with more than one occupant per room in their unit	2019	2.1%	7.1%	2.5%	4.0%
	2020	1.2%	7.0%	2.7%	4.2%
Percent of homeowners in same house one year ago	2019	87.9%	89.4%	91.5%	92.8%
	2020	90.0%	90.0%	91.3%	92.8%
Percent of housing units for sale that are vacant	2019	6.0%	2.1%	1.7%	1.9%
	2020	5.6%	1.6%	1.4%	1.8%

**Table 8 – Renter Indicators**

Indicator	ACS Five-Year Sample	SIMPL TCC Census Tracts	Control Census Tracts	Sacramento County	California
Percent renters	2019	88.1%	61.4%	43.6%	45.2%
	2020	86.2%	56.0%	42.6%	44.7%
Percent of renters paying ≥30% of income on rent	2019	48.2%	59.4%	52.3%	52.1%
	2020	48.3%	58.8%	52.1%	51.5%
Percent of renters paying ≥50% of income on rent	2019	23.4%	32.2%	26.7%	26.6%
	2020	22.0%	29.8%	25.7%	26.2%
Percent of renters in with more than one occupant per room in their unit	2019	5.2%	13.5%	8.1%	13.4%
	2020	5.4%	13.9%	8.6%	13.2%
Percent of renters in same house one year ago	2019	72.5%	80.6%	77.0%	81.6%
	2020	72.1%	80.5%	78.1%	82.4%
Percent of housing units for rent that are vacant	2019	6.7%	3.5%	4.0%	4.5%
	2020	6.1%	3.6%	3.9%	4.6%

**Table 9 – Health Insurance Indicators**

Indicator	ACS Five-Year Sample	SIMPL Census Tracts	Control Census Tracts	Sacramento County	California
Percent with health insurance coverage	2019	95.7%	91.8%	94.5%	92.5%
	2020	94.3%	91.8%	97.3%	94.8%
Percent with private insurance coverage	2019	51.3%	39.1%	65.6%	63.8%
	2020	56.1%	42.7%	66.0%	62.2%
Percent with public insurance coverage	2019	51.5%	60.6%	40.5%	38.0%
	2020	44.8%	58.7%	40.5%	38.0%

**Table 10 – Transit Indicator Data**

Indicator	ACS Five-Year Sample	SIMPL Census Tracts	Control Census Tracts	Sacramento County	California
Percent drove alone	2019	60.4%	73.3%	77.1%	73.7%
	2020	57.5%	75.1%	74.9%	72.1%
Percent carpool	2019	2.9%	11.6%	10.1%	10.1%
	2020	2.7%	10.4%	9.9%	10.0%
Percent public transportation	2019	6.4%	3.2%	2.5%	5.1%
	2020	5.8%	2.3%	2.2%	4.6%
Percent walked	2019	18.6%	2.2%	1.8%	2.6%
	2020	18.9%	1.8%	1.8%	2.5%
Percent biked	2019	6.6%	1.6%	0.9%	1.0%
	2020	5.5%	1.1%	0.9%	0.8%

**Table 11** – Transit Injury Data<sup>9</sup>

Indicator	Sample Year	SIMPL Census Tracts (Per 1000 Street Miles <sup>10</sup> )	Control Census Tracts (Per 1000 Street Miles)
<b>Pedestrian Collision Injury Level 1<sup>11</sup></b>	2020	0	6.8
	2021	35.3	6.8
<b>Pedestrian Collision Injury Level 2</b>	2020	35.3	11.3
	2021	94.2	15.9
<b>Pedestrian Collision Injury Level 3</b>	2020	94.2	13.6
	2021	153.1	11.3
<b>Pedestrian Collision Injury Level 4</b>	2020	117.8	6.8
	2021	117.8	11.3
<b>Bicycle Collision Injury Level 1</b>	2020	0	0
	2021	0	0
<b>Bicycle Collision Injury Level 2</b>	2020	47.1	9.1
	2021	35.3	2.3
<b>Bicycle Collision Injury Level 3</b>	2020	117.8	20.4
	2021	106	6.8
<b>Bicycle Collision Injury Level 4</b>	2020	106	15.9
	2021	82.4	6.8

**Table 12** – Land Use Indicators<sup>12</sup>

Indicator	Dataset Year	Percent Area for SIMPL Area	Square Miles for SIMPL Tracts	Percent Area for Control Area	Square Miles for Control Tracts
<b>Impervious/Buildings</b>	2020	48.6%	1.8	58.4%	15.1
	2022	49.0%	1.6	57.0%	14.7
<b>Dry Vegetation/Barren</b>	2020	25.6%	0.97	16.5%	4.3
	2022	25.5%	0.96	22.2%	5.7
<b>Green Vegetation</b>	2020	16.5%	0.62	23.0%	5.9
	2022	17.1%	0.64	17.7%	4.6
<b>Shadow</b>	2020	2.2%	0.08	1.1%	0.3
	2022	2.6%	0.1	2.0%	0.5
<b>Water</b>	2020	7.1%	0.27	1.0%	0.26
	2022	5.7%	0.22	1.1%	0.27

<sup>9</sup> Data Collected from UC Berkeley's Transportation Injury Mapping System: <https://tims.berkeley.edu/>

<sup>10</sup> Street mileage data was obtained for the SIMPL and Control census tracts and summed for the two areas, from the U.S. Census Bureau 2020 Road TIGER/Lines Shapefile <https://www.census.gov/geographies/mapping-files.html>

<sup>11</sup> Transit related injuries are categorized into four levels. Level 1 collisions represent a fatality, with Level 4 being the least serious. Collecting data for transit related injuries was only feasible for the control and SIMPL census tracts.

<sup>12</sup> Land use indicators were collected using satellite images and analysis through GIS. More information regarding methods is available in the appendix.



**Table 13** – Charging Infrastructure Indicators<sup>13</sup>

Indicator	Dataset Year	Gross Number			Normalized Per 1,000 Residents		
		SIMPL census tracts	Control Tracts	Sacramento County	SIMPL census tracts	Control Tracts	Sacramento County
Level 2 EV Stations	2020	18	8	107	1.5	0.09	0.07
	2022	96	12	351	8.3	0.13	0.22
DC Fast-Charging Stations	2020	1	1	23	0.09	0.01	0.01
	2022	6	4	68	0.52	0.05	0.04

**Appendix 2 – Margins of Error (MOE) for ACS Variables**

**Table 14** – Demographic Indicators with MOE

Indicator	ACS Five-Year Sample	SIMPL Census Tracts		Control Census Tracts		Sac Co.		California	
			MOE		MOE		MOE		MOE
Total Population	2019	11,332	±540.1	92,118	±2169.0	1,524,553	±0	39,283,497	±0
	2020	11,610	±790.9	89,816	±3,330.8	1,537,948	±0*	39,346,023	±0*
Percent Hispanic	2019	21.8%	±3.1%	35.4%	±2.2%	23.2%	±0.0%	39.0%	±0.0%
	2020	21.9%	±3.6%	33.4%	±2.8%	23.4%	±0.0%*	39.1%	±0.0%*
Percent Asian (Non-Hispanic)	2019	7.2%	±1.1%	10.6%	±1.1%	15.4%	±0.1%	14.3%	±0.0%
	2020	8.1%	±1.6%	15.4%	±1.7%	16.4%	±0.2%	14.6%	±0.0%
Percent Black/African American (Non-Hispanic)	2019	20.3%	±3.4%	13.4%	±1.3%	9.5%	±0.1%	5.5%	±0.0%
	2020	16.8%	±2.8%	11.6%	±1.5%	9.3%	±0.2%	5.4%	±0.0%
Percent White (Non-Hispanic)	2019	43.9%	±4.1%	31.9%	±1.5%	44.7%	±0.0%	37.2%	±0.0%
	2020	46.7%	±4.7%	31.3%	±1.7%	43.7%	±0.2%	36.5%	±0.0%
Percent Other (Non-Hispanic NHPI, AI, Other, 2+ Races)	2019	6.7%	±2.4%	10.1%	±0.1%	11.0%	±0.3%	6.4%	±0.1%
	2020	6.5%	±1.8%	8.3%	±1.5%	7.2%	±0.2%	4.4%	±0.0%
Percent Foreign Born	2019	13.2%	±2.0%	30.5%	±1.9%	22.0%	±0.3%	27.2%	±0.1%
	2020	12.2%	±2.0%	27.6%	±1.9%	20.9%	±1.6%	26.6%	±0.3%

\*MOEs with an asterisk indicate that the ACS was unable to calculate a margin of error.

<sup>13</sup> Mapped through GIS Software using charging infrastructure data from the U.S. Department of Energy’s Alternative Fueling Data Center: <https://afdc.energy.gov/stations/#/find/nearest>

**Table 15** – Economic and Education Indicators with MOE

Indicator	ACS	SIMPL		Control		Sac Co.	MOE	California	MOE
	Five-Year Sample	Census Tracts	MOE	Census Tracts	MOE				
Median household income	2019	\$29,617	±5000.9	\$39,596	±1934.8	\$67,151	±802	\$75,325	±232
	2020	\$39,022	±5,227.2	\$45,966	±2,470.5	\$70,684	±700	\$78,672	±270
Percent living below poverty	2019	34.2%	±4.3%	29.6%	±2.4%	14.7%	±0.3%	13.4%	±0.1%
	2020	26.9%	±3.8%	24.7%	±2.5%	13.9%	±0.3%	12.6%	±0.1%
Percent high-income households (125k+)	2019	14.7%	±2.9%	7.5%	±1.0%	22.1%	±0.4%	28.0%	±0.1%
	2020	15.9%	±3.1%	10.6%	±1.4%	23.9%	±0.5%	29.8%	±0.1%
Percent with less than high school education	2019	16.0%	±2.2%	21.9%	±1.5%	12.2%	±0.2%	16.0%	±0.1%
	2020	17.0%	±2.8%	21.6%	±1.7%	11.9%	±0.3%	15.4%	±0.1%
Percent with bachelor's degree or higher	2019	34.4%	±3.4%	12.3%	±1.0%	28.3%	±0.3%	31.0%	±0.1%
	2020	34.0%	±3.3%	14.5%	±1.3%	29.0%	±0.4%	31.9%	±0.1%
Percent employed in civilian labor force	2019	91.0%	±6.8%	90.6%	±3.1%	93.5%	±0.5%	93.3%	±0.1%
	2020	93.1%	±8.5%	91.4%	±4.0%	93.6%	±0.6%	93.8%	±0.1%

**Table 16** – Energy Use Indicators with MOE

Indicator	ACS	SIMPL		Control		Sac Co.	MOE	California	MOE
	Five-Year Sample	Census Tracts	MOE	Census Tracts	MOE				
Percent of households heating home with electricity	2019	62.4%	±4.5%	34.7%	±2.0%	34.7%	±0.4%	26.6%	±0.1%
	2020	60.4%	±5.1%	36.2%	±2.4%	35.5%	±0.5%	27.1%	±0.1%
Percent households heating home with utility gas	2019	35.3%	±4.1%	62.3%	±2.1%	61.7%	±0.4%	64.1%	±0.1%
	2020	36.0%	±4.3%	60.4%	±2.7%	60.6%	±0.5%	63.6%	±0.1%
Percent households heating home with other fossil fuels	2019	0.9%	±1.2%	2.0%	±0.6%	2.7%	±0.1%	5.3%	±0.0%
	2020	1.9%	±1.9%	2.6%	±0.8%	2.8%	±0.2%	5.4%	±0.1%
Percent households with no fuel used	2019	1.3%	±0.7%	0.8%	±0.4%	0.6%	±0.1%	3.3%	±0.0%
	2020	1.7%	±0.9%	0.5%	±0.3%	0.7%	±0.1%	3.2%	±0.0%

**Table 17** – Homeownership Indicators with MOE

Indicator	ACS Five- Year Sample	SIMPL Census Tracts	MOE	Control Census Tracts	MOE	Sac Co	MOE	California	MOE
<b>Percent homeowners</b>	2019	11.9%	±2.0%	38.6%	±1.7%	56.4%	±0.4%	54.9%	±0.3%
	2020	13.8%	±2.8%	44.0%	±2.3%	57.4%	±0.5%	55.3%	±0.3%
<b>Percent of homeowners paying ≥30% of income on mortgage<sup>14</sup></b>	2019	25.3%	±2.0%	24.9%	±0.2%	23.3%	±0.6%	26.7%	±0.1%
	2020	25.7%	±10.4%	40.5%	±3.4%	32.9%	±0.7%	37.9%	±0.2%
<b>Percent of homeowners paying ≥50% of income on mortgage</b>	2019	11.4%	±9.1%	10.9%	±1.8%	8.9%	±0.3%	11.0%	±0.1%
	2020	8.3%	±5.8%	15.3%	±2.2%	12.3%	±0.4%	15.7%	±0.1%
<b>Percent of homeowners in with more than one occupant/room</b>	2019	2.1%	±7.1%	7.1%	±1.7%	2.5%	±0.2%	4.0%	±0.1%
	2020	1.2%	±7.7%	7.0%	±1.9%	2.7%	±0.2%	4.2%	±0.1%
<b>Percent of homeowners in same house one year ago</b>	2019	87.9%	±19.8%	89.4%	±5.3%	91.5%	±0.9%	92.8%	±0.5%
	2020	90.0%	±21.5%	90.0%	±6.3%	91.3%	±0.9%	92.8%	±0.4%
<b>Percent of housing units for sale that are vacant</b>	2019	6.0%	±1.2%	2.1%	±0.1%	1.7%	±0.2%	1.9%	±0.1%
	2020	5.6%	±8.0%	1.6%	±1.0%	1.4%	±0.2%	1.8%	±0.1%

**Table 18** – Renter Indicators with MOE

Indicator	ACS Five- Year Sample	SIMPL Census Tracts	MOE	Control Census Tracts	MOE	Sac Co	MOE	California	MOE
<b>Percent renters</b>	2019	88.1%	±4.1%	61.4%	±1.9%	43.6%	±0.4%	45.2%	±0.2%
	2020	86.2%	±5.3%	56.0%	±2.5%	42.6%	±0.5%	44.7%	±0.2%
<b>Percent of renters paying ≥30% of income on rent</b>	2019	48.2%	±5.2%	59.4%	±4.1%	52.3%	±1.1%	52.1%	±0.3%
	2020	48.3%	±6.1%	58.8%	±4.9%	52.1%	±1.3%	51.5%	±0.3%
<b>Percent of renters paying ≥50% of income on rent</b>	2019	23.4%	±3.5%	32.2%	±2.9%	26.7%	±0.8%	26.6%	±0.2%
	2020	22.0%	±3.7%	29.8%	±3.2%	25.7%	±0.8%	26.2%	±0.2%
<b>Percent of renters in with more than one occupant/room</b>	2019	5.2%	±1.9%	13.5%	±2.0%	8.1%	±0.4%	13.4%	±0.1%
	2020	5.4%	±2.2%	13.9%	±2.4%	8.6%	±0.5%	13.2%	±0.1%
<b>Percent of renters in same house one year ago</b>	2019	72.5%	±6.2%	80.6%	±4.1%	77.0%	±1.2%	81.6%	±0.5%
	2020	72.1%	±7.1%	80.5%	±5.4%	78.1%	±1.4%	82.4%	±0.5%

<sup>14</sup> These percentages refer only to homeowners with a mortgage.

Indicator	ACS Five- Year Sample	SIMPL Census Tracts	MOE	Control Census Tracts	MOE	Sac Co	MOE	California	MOE
Percent of housing units for rent that are vacant	2019	6.7%	±0.3%	3.5%	±0.1%	4.0%	±0.4%	4.5%	±0.1%
	2020	6.1%	±2.3%	3.6%	±1.3%	3.9%	±0.4%	4.6%	±0.1%

**Table 19** – Health Insurance Indicators with MOE

Indicator	ACS Five- Year Sample	SIMPL Census Tracts	MOE	Control Census Tracts	MOE	Sac Co	MOE	California	MOE
Percent with health insurance coverage	2019	95.7%	±5.9%	91.8%	±2.3%	94.5%	±0.2%	92.5%	±0.1%
	2020	94.3%	±6.2%	91.8%	±2.7%	97.3%	±0.2%	94.8%	±0.1%
Percent with private insurance coverage	2019	51.3%	±4.4%	39.1%	±1.5%	65.6%	±0.3%	63.8%	±0.1%
	2020	56.1%	±9.1%	42.7%	±4.0%	66.0%	±0.5%	62.2%	±0.1%
Percent with public insurance coverage	2019	51.5%	±4.5%	60.6%	±2.0%	40.5%	±0.3%	38.0%	±0.1%
	2020	44.8%	±9.5%	58.7%	±3.9%	40.5%	±0.8%	38.0%	±0.2%

**Table 20** – Transportation Indicators with MOE

Indicator	ACS Five- Year Sample	SIMPL Census Tracts	MOE	Control Census Tracts	MOE	Sac Co	MOE	California	MOE
Percent drove alone	2019	60.4%	±6.9%	73.3%	±3.3%	77.1%	±0.6%	73.7%	±0.1%
	2020	57.5%	±6.6%	75.1%	±3.9%	74.9%	±0.6%	72.1%	±0.1%
Percent carpool	2019	2.9%	±1.6%	11.6%	±1.4%	10.1%	±0.3%	10.1%	±0.1%
	2020	2.7%	±1.5%	10.4%	±1.5%	9.9%	±0.4%	10.0%	±0.1%
Percent public transportation	2019	6.4%	±3.0%	3.2%	±0.7%	2.5%	±0.2%	5.1%	±0.0%
	2020	5.8%	±2.4%	2.3%	±0.6%	2.2%	±0.2%	4.6%	±0.0%
Percent walked	2019	18.6%	±3.6%	2.2%	±0.6%	1.8%	±0.1%	2.6%	±0.0%
	2020	18.9%	±3.9%	1.8%	±0.5%	1.8%	±0.1%	2.5%	±0.0%
Percent biked	2019	6.6%	±1.9%	1.6%	±0.5%	0.9%	±0.1%	1.0%	±0.0%
	2020	5.5%	±1.6%	1.1%	±0.4%	0.9%	±0.1%	0.8%	±0.0%

### **Appendix 3 – Land Use Methodology**

All analysis for the land use classification was done using ArcGIS Pro. Land use classification was completed for the SIMPL (n=7) and Control (n=20) Census Tracts using imagery from the National Agriculture Imagery Program (NAIP). Mosaic images of Sacramento County for 2020 and 2022 were obtained through USDA NAIP imagery repository. These dates were used because NAIP imagery is obtained on a biannual basis for different states, so only 2020 and 2022 are available for California. Shapefiles of the census tracts were obtained from the United States Census Bureau GIS database. The NAIP mosaic image was clipped to the Census tract shapefiles to reduce the processing time.

The actual classification process is detailed as follows. Land was classified as either: Impervious/Buildings, Dry Vegetation Barren, Green Vegetation, Shadow, or Water. However, to better train the classifier, Impervious/Buildings was split into Roads and Buildings and Green Vegetation was split into Trees and Grass. To train the classifier, the Sample Trainer function was used in ArcGIS Pro, and approximately 20-30 samples of each land classification were generated per tract image. Samples were collected with the aim of capturing the spectral diversity within a given class to aid in classification. The purpose of the Shadow category was to account shadow contamination which would make classification of shadowed areas difficult. Based on the previous report, Shadow makes up a small component of the total land use area. The majority of the shadow contaminated pixels are in downtown built-up areas with large buildings, with smaller components near tall trees. The fraction of land that is classified as Shadow is subject to variation depending on the time, season, and weather when each NAIP image was taken.

After sample training was complete, pixels were grouped together based on proximity and similarity using the Segmentation function. Then, object-based classification was used in the Classify Image Imagery Analysis function of ArcGIS Pro. This categorizes the objects delineated in the segmentation process into the different land classifications based on spectral values. Once the object-based classification was assessed for accuracy, the Geoprocessing Tool Raster to Polygon was performed to create polygons of the objects. From there all polygons belonging to the same class were added together to get the area that land class contributes to the image.

This process was carried out for each individual tract. A total area and a total area for each land class was calculated for the SIMPL tracts and the Control tracts by summing the areas from their respective tracts together. The proportions of each land class for both the combined SIMPL tracts and the combined Control tracts were calculated by dividing the total area for each land class by the total area for the SIMPL tracts and the Control tracts respectively.