

RIVERSIDE CLEAN AIR CARSHARE ADDITIONAL FUNDING AND AGREEMENTS

Public Works Department

City Council
May 21, 2024

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BACKGROUND

1. In 2021 the City was awarded \$1,000,000 through the CALSTART “Clean Mobility Voucher Pilot Program” to establish a hydrogen fuel cell vehicle Carshare
2. Partnership with StratosShare and the University of California Riverside’s Center for Environmental Research and Technology (UCR CE-CERT).
3. Services agreement established with StratosShare Inc. in December 2021 to plan and operate RCAC as an extension of their existing hydrogen fuel carshare service.



Clean
Mobility
Options



UC RIVERSIDE | Center for Environmental Research and Technology

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BACKGROUND

1. In July 2023, StratosShare informed the City they could no longer service the program in their current capacity.
2. The City has since been working with StratosShare, UCR CE-CERT, and prospective replacement operators to identify a path forward.



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DISCUSSION

Riverside Clean Air Carshare

1. Up to 19 hydrogen fuel cell vehicles (Currently 12)
2. 7 stations - Up to 3 vehicles per location
3. Free drive time & discounted rates for qualified users
4. Daily & hourly usage rates available

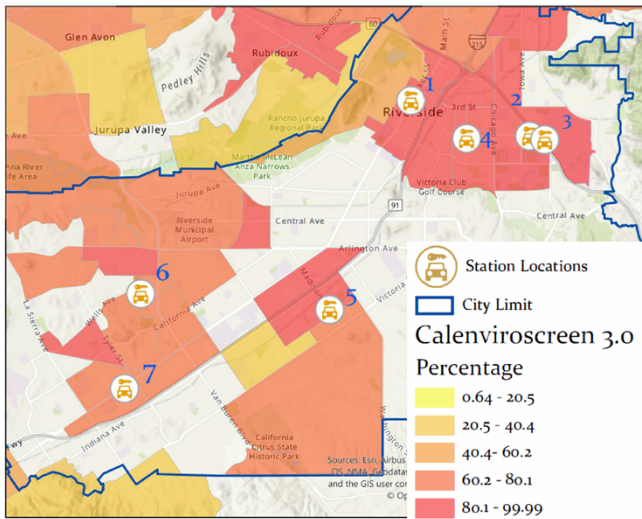


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PROPOSED STATION LOCATIONS



1. **Downtown/Food Lab - Sixth St**
2. UCR Lot 50 (Univ. Village)
3. UCR Lot I
4. **Cesar Chavez Community Center – Kansas Ave.**
5. Casa Blanca Library/RPU Service Center
6. Arlanza Library
7. **Tyler Galleria – Location TBD**

Bold=on-street



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ADDITIONAL FUNDING

1. Original \$1M grant budget drafted in 2020 included:
 - One year planning phase, 4 years of program operation
2. Grant awardees impacted by unanticipated costs
 - Above-standard insurance policy procurement
 - Increased planning and operational costs
 - Increased vehicle procurement costs
3. City modified budget in May 2022 resulting in a reduction in program vehicles, planning/Marketing



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ADDITIONAL FUNDING

1. Many other Clean Mobility Options Grant recipients forced to reallocate to address similar shortfalls
2. Concerns were voiced collectively to the California Air Resources Board (CARB) in December 2022
3. In response, CARB set aside funds in the 2022/2023 budget for awardees to request up to \$500,000 in additional funding.
4. The City has been awarded \$500,000 in additional funds.



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TERMINATION AGREEMENT - STRATOSSHARE



City worked with StratosShare to identify tasks/services to continue or reallocate.



UCR CE-CERT not able to take on all task being relinquished by StratosShare.



Only viable option to continue program would require termination of the agreement with StratosShare and a subsequent establishment of a new operator



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AGREEMENT – MOBILITY DEVELOPMENT OPERATIONS

Replacement Operator Challenges:

1. RCAC operates exclusively with Hydrogen Fuel vehicles.
2. Other carshare operators manage systems with battery-electric vehicles, which have charging facilities at each designated parking stall.
3. Hydrogen fuel cell vehicles need to be refueled at one of the few hydrogen fueling facilities in the area.



AGREEMENT – MOBILITY DEVELOPMENT OPERATIONS

1. Mobility Development Operations (MDO) has proposed to launch Riverside's hydrogen FCV carshare project as an experienced operator focused on long-term sustainability.
 - Launched or supported over a dozen programs in the last two decades.
 - Trusted operator for multiple public agencies and programs.
 - Recently worked with CARB and CALSTART to transition two similar CMO programs in Southern California.
2. Public Works Staff is proposing establishment of an agreement in the amount of \$1,033,188.9 with MDO to assume responsibility for the planning, implementation, and operational management of Riverside Clean Air Carshare.



STRATEGIC PLAN ALIGNMENT

Strategic Priorities



Economic Opportunity

Champion a thriving, enduring economy that provides opportunity for all.

3.1. Facilitate partnerships and programs to develop, attract and retain innovative business sectors.



Environmental Stewardship

Champion proactive and equitable climate solutions based in science to ensure clean air, safe water, a vibrant natural world, and a resilient green new economy for current and future generations.

4.3. Implement local and support regional proactive policies and inclusive decision-making processes to deliver environmental justice and ensure that all residents breath healthy and clean air with the goal of having zero days of unhealthy air quality per the South Coast Air Quality District's Air Quality Index (AQI).



Infrastructure, Mobility & Connectivity

Ensure safe, reliable infrastructure that benefits the community and facilitates connection between people, place and information.

6.1. Provide, expand and ensure equitable access to sustainable modes of transportation that connect people to opportunities such as employment, education, healthcare, and community amenities.



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STRATEGIC PLAN ALIGNMENT

Cross-Cutting Threads

This item aligns with all five Cross-Cutting





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FISCAL IMPACT

There is no direct fiscal impact to the City, should this grant be awarded. The grantor, CALSTART, will directly process invoices with approved vendors through the Clean Mobility Program. No revenue or expenditures will pass through the City on behalf of this program and all liability will be the responsibility of CALSTART.



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RECOMMENDATIONS

That the City Council:

1. Approve the acceptance additional grant funds in the amount of \$500,000 under the Clean Mobility Options Voucher Program to support the launch and operations of Riverside Clean Air Carshare Program;
2. Authorize the City Manager, or designee, to execute the Termination Agreement with StratosShare Inc., including making any minor and non-substantive changes; and



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RECOMMENDATIONS

3. Authorize the City Manager, or designee, to execute the Professional Services Agreement with Mobility Development Operations, including making any minor and non-substantive changes.

