



RIVERSIDE STREETCAR FEASIBILITY STUDY

Public Works Department

**Economic Development, Placemaking
and Branding/Marketing Committee**

October 20, 2022

RiversideCA.gov

1

BACKGROUND

1. October 6, 2020 - the City Council requested staff to contract with TIG/m to complete a streetcar feasibility study and return to the Economic Development, Placemaking, and Branding/Marketing Committee.
2. November 17, 2020 - the City Manager's Office brought forth a responsive report, and the contract with TIG/m to furnish the study was approved.



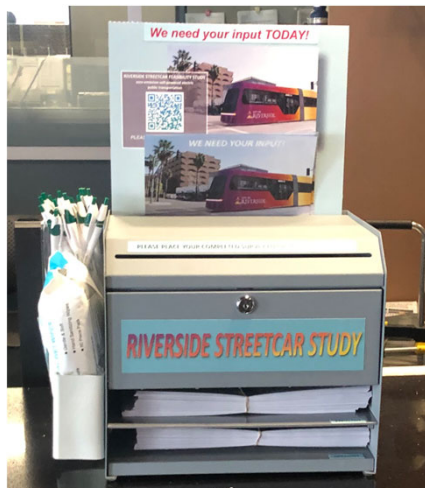
2

RiversideCA.gov

2

DISCUSSION: STUDY DEVELOPMENT

1. TIG/m and City staff engaged stakeholders, including community groups
2. Physical survey boxes augmented the web-based survey and informational study page



3

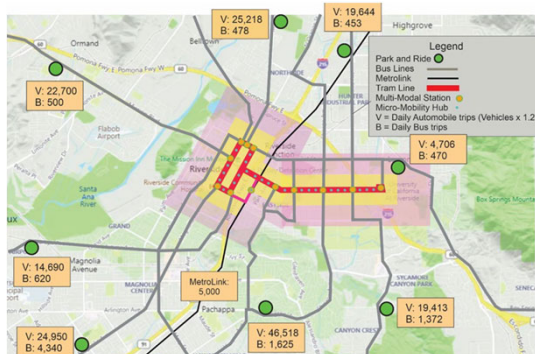


RiversideCA.gov

3

DISCUSSION: OVERVIEW & RIDERSHIP FINDINGS

1. TIG/m proposes a unique vehicle type that is battery & hydrogen fuel cell powered.
2. The system is projected by TIG/m to carry 1,814,953 passenger per year in its opening year, with 5,771,232 passengers per year by 2055.



4



RiversideCA.gov

4

DISCUSSION: CONFIGURATION AND ENGINEERING

1. The feasibility study contained schematic level designs (conceptual) of the entire 7-mile alignment.
2. The proposed project would omit overhead wires and track-side charging infrastructure.
3. The proposed project uses unique removable panels to facilitate utility maintenance.



5

RiversideCA.gov

5

DISCUSSION: COST MODEL AND OPERATIONS

1. Vehicles would travel at 25 MPH and serve with 9-minute headways.
2. The total cost of the project is shown as \$408 million.
3. TIG/m projects that the project would generate a profit.
4. TIG/m suggests private financing (public private partnership) supplemented by \$86 million in local or state funding.



6

RiversideCA.gov

6

STRATEGIC PLAN ALIGNMENT



Strategic Priority 6 – Infrastructure, Mobility & Connectivity

Goal 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.

Cross-Cutting Threads



Community Trust



Fiscal Responsibility



Sustainability &
Resiliency



Equity



Innovation



7

RiversideCA.gov

7

RECOMMENDATIONS

That the Economic Development, Placemaking and Branding/Marketing Committee:

1. Receive, review and provide feedback to staff regarding the Riverside Streetcar Feasibility study; and
2. Direct staff to seek grant funding to integrate the findings of the TIG/m report into an expanded federally compliant zero-emission transportation feasibility study which includes bus rapid transit amongst other alternatives.



8

RiversideCA.gov

8