PROVIDENCE STREETCAR

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1. **Project Summary**

### Why?

The streetcar will:

- Spark economic development // Create **6,000** new jobs over the next 20 years + **250** construction jobs
- Increase surrounding property values by **$1.1 Billion**
- Reduce carbon emissions
- Attract **1,500** new city residents over next 20 years
- Lower household transportation costs
- Better connect employment hubs + key attractions

### What?

A local circulator that will connect College Hill, Capital Center, the Financial District, Downcity, the Hospital District and Upper South Providence.

- **Route Length**: 2.5 miles
- **End-to-End Travel Time**: 15 minutes
- **Frequency**: 12-min (peak) 15-20 min (off-peak)
- **Streetcar Stops**: 12 stops, approximately every 800 ft
- **Cost**: $114.37 M (one-time) $3.13 M (annual)

### How?

- **Funding Sources**:
  - City TIF Bonds [47%]
  - Federal funds [34%]
  - RI Capital Plan [13%]
  - RIPTA CMAQ [5%]
  - RIDOT land transfer [1%]

- **Project Partners**:
  - City of Providence
  - RIPTA
  - RI Convention Center Authority
  - State of RI
  - Providence Foundation
  - Other institutions
  - Brown University

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*PROVIDENCE STREETCAR*
“IT IS UP TO METROS TO NOT ONLY BE THE ENGINES OF THE ECONOMY BUT TO BE THE VANGUARD OF CHANGE.”

- Bruce Katz, The Brookings Institution
1. thayer st + fones alley
2. n main st + washington st
3. providence station
4. kennedy plaza
5. mathewson st + washington st
6. empire st + washington st
7. chestnut st + broad st
8. chestnut st + clifford st
9. ship st square
10. chestnut st + elbow st
11. richmond st + point st
12. point st + hospital st
13. rhode island hospital
14. dudley st + culver st
15. dudley st + plain st
16. dudley st + prairie ave
RECENT TRANSFORMATIVE PROJECTS

The streetcar will TIE together a variety of ongoing public + private initiatives targeted at TRANSFORMING the City’s economic health + vitality.
3 MILLION SQUARE FEET OF VACANT AND REDEVELOPABLE LAND IS AVAILABLE WITHIN 1/4 MILE OF THE ROUTE.
“ACROSS THE NATION, CITIES AND METROS ARE TAKING CONTROL OF THEIR OWN DESTINIES, BECOMING DELIBERATE ABOUT THEIR ECONOMIC GROWTH.”

- “The Metropolitan Revolution: How Cities and Metros are Fixing our Broken Politics and Fragile Economy”
The estimated capital cost for the first segment of the project is $114.37 million (2015 dollars). Funding will come from City TIF Bonds, Federal funds, RI Capital Plan funds, RIPTA CMAQ funds, and a RIDOT land transfer.

The partners involved in advancing this initiative reflect a diversity of public and private sector interests related to transportation, higher education, the medical and technology sectors, business and economic development, and community builders.

Annual operating costs are projected as $3.13 million in 2018 (the first full year of operations).
“WE BELIEVE ONE OF THE SINGLE 
BEST INVESTMENT OPPORTUNITIES IN 
THE COUNTRY IS TRANSIT-ORIENTED 
DEVELOPMENT. THE NUMBER OF CITIES 
THAT HAVE GOTTEN INTO THE RAIL SIDE 
OF THINGS HAS GROWN RAPIDLY.”

- Ed McMahon, Urban Land Institute 
  senior resident fellow
4 project impacts

- **ECONOMIC COMPETITIVENESS**
  - jobs development + growth value

- **LIVABILITY**
  - connections mobility access

- **SUSTAINABILITY**
  - clean energy efficient transit-oriented

PROVIDENCE STREETCAR
ECONOMIC COMPETITIVENESS

new jobs
new residents
additional development
additional property value

3.5 MILLION FT² in NEW DEVELOPMENT
$1.1 BILLION in ADDITIONAL PROPERTY VALUE
6,000 NEW JOBS

PROJECTED GROWTH AT FULL STREETCAR BUILD-OUT (2033)

INCREASE IN PROPERTY VALUE DUE TO NEW DEVELOPMENT

$2,000,000,000
$1,800,000,000
$1,600,000,000
$1,400,000,000
$1,200,000,000
$1,000,000,000
$800,000,000
$600,000,000
$400,000,000
$200,000,000
$0

2014 2016 2018 2020 2022 2024 2026 2028 2030 2032

PROVIDENCE STREETCAR
better connections
better mobility
better access

LIVABILITY

RISD Art Museum = 150,000 annual attendance

Children’s Museum = 167,000 annual attendance

Brown University + RISD + J&W University + CCRI + URI Fein-stein Campus = 24,500+ students

45,000 people passing daily though Kennedy Plaza

1,300 Amtrak + 2,700 MBTA passengers passing daily through Providence Station

Over 6,700 households
Over 1,000 low-moderate income units

Nearly 50,000 employees
1,300 + businesses

WaterFire = more than 1 MILLION visitors per year

RI Convention Center = 312,000 visitors + 300 events per year

DD Center = 800,000 visitors + 120 events per year

Providence Performing Arts Center = 475,000 visitors per year

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more clean air
more energy efficiency
more transit-oriented development

**SUSTAINABILITY**

**DECREASE IN OIL CONSUMPTION**

Streetcars will be electrically-powered, lessening fossil fuel usage

**INCREASE IN TOD TO REDUCE AUTODEPENDENCY**

Transit-oriented development (TOD) allows the City to strategically use infrastructure to promote sustainable urban growth

**DECREASE IN TOTAL # OF TRIPS**

Drivers will be encouraged to “park once” near the I-195 interchange and use the streetcar within the corridor

Streetcars have larger passenger capacity than buses and private vehicles

Private shuttle trips operated by Brown University and Rhode Island Hospital will be consolidated

**DECREASE IN PROJECTED CO₂ EMISSIONS BY 1,400 TONS OVER THE FIRST 30 YEARS**

2015 2025 2035 2045

**PROVIDENCE STREETCAR**
“TIGER PROJECTS ARE THE BEST ARGUMENT FOR INVESTMENT IN OUR TRANSPORATION INFRASTRUCTURE. TOGETHER, THEY SUPPORT PRESIDENT OBAMA’S CALL TO ENSURE A STRONGER TRANSPORTATION SYSTEM FOR FUTURE GENERATIONS BY REPAIRING EXISTING INFRASTRUCTURE, CONNECTING PEOPLE TO NEW JOBS AND OPPORTUNITIES, AND CONTRIBUTING TO OUR NATION’S ECONOMIC GROWTH.”

- Anthony Foxx, U.S. Secretary of Transportation
POTENTIAL FUTURE STREETCAR EXTENSIONS

Phase I Route
Possible Future Routes
STREETCAR LINES AROUND THE COUNTRY

- Historic line in operation
- Modern line in operation
- Planned modern line

- Portland
- Seattle
- Spokane
- Tacoma
- Boise
- Salt Lake City
- Denver
- Colorado Springs
- Sacramento
- San Francisco
- San Pedro
- Long Beach
- San Diego
- Los Angeles
- Albuquerque
- Austin
- San Antonio
- Galveston
- New Orleans
- Tampa
- Fort Lauderdale
- Miami
- Providence
- Providence Streetcar
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