

# 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	Providence Foundation
	RIPTA	Private sector leaders
	RI Convention Center Authority	Other institutions
	State of RI	
	Brown University	

“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

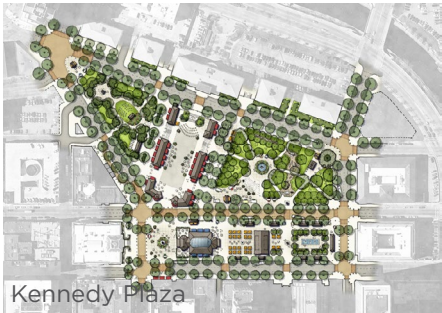
## STREETCAR STOPS



RECENT TRANSFORMATIVE PROJECTS



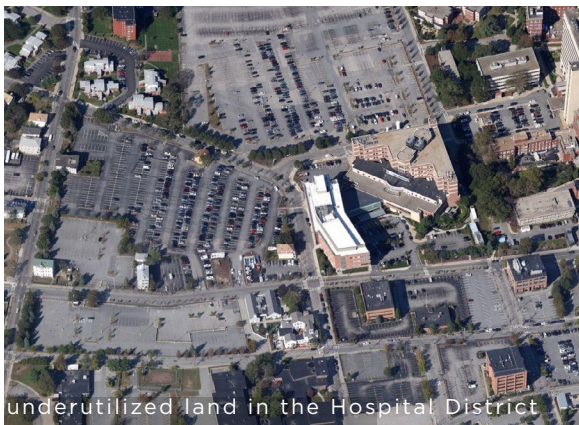
The streetcar will **TIE** together a variety of ongoing public + private initiatives targeted at **TRANSFORMING** the City's economic health + vitality





**3 MILLION** SQUARE FEET OF  
VACANT AND REDEVELOPABLE  
LAND IS AVAILABLE WITHIN 1/4  
MILE OF THE ROUTE

## VACANT OR REDEVELOPABLE LAND



“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”

# 3

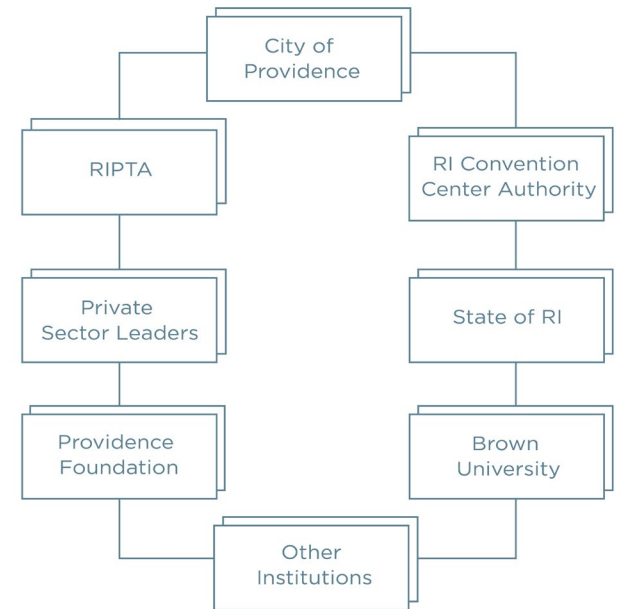
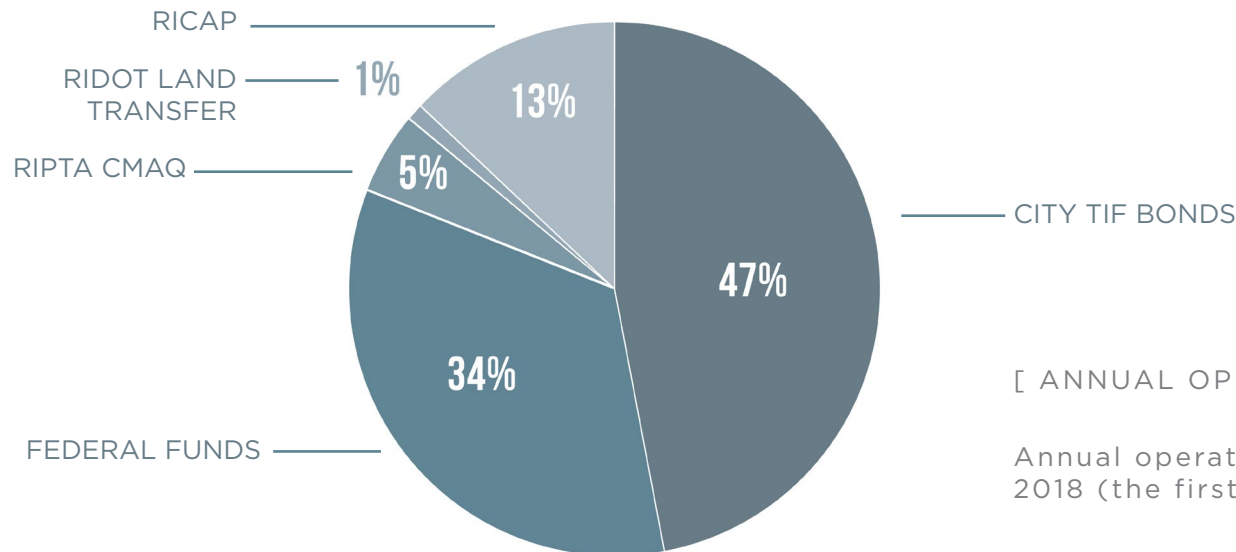
## funding

### [ PROJECT PARTNERS ]

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.

### [ CAPITAL COST + FUNDING ]

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.



### [ ANNUAL OPERATING COSTS ]

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





- new jobs
- new residents
- additional development
- additional property value



**3.5 MILLION FT<sup>2</sup>** in NEW DEVELOPMENT

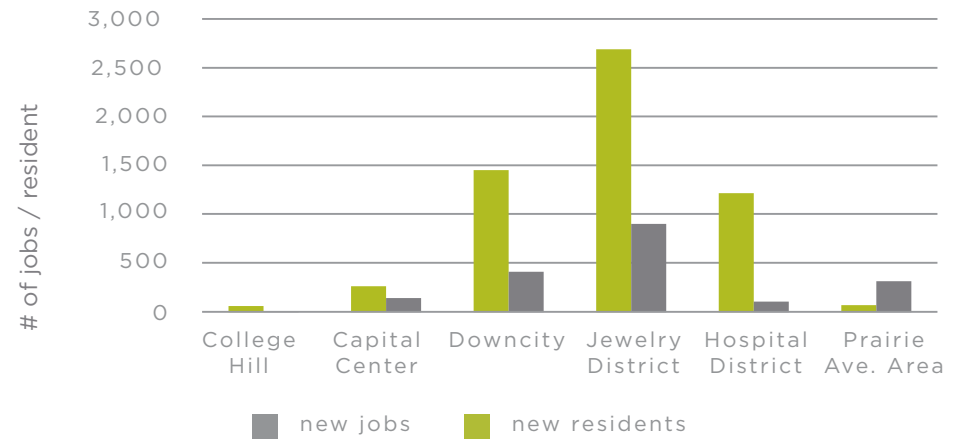


**\$1.1 BILLION** in ADDITIONAL PROPERTY VALUE



**6,000** NEW JOBS

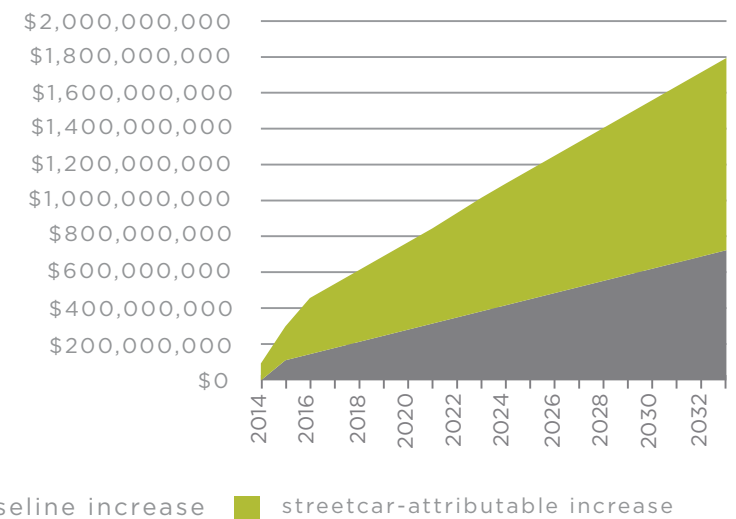
## NEW JOBS + RESIDENTS ATTRIBUTABLE TO STREETCAR



## PROJECTED **GROWTH** AT FULL STREETCAR BUILD-OUT (2033)



## INCREASE IN **PROPERTY VALUE** DUE TO NEW DEVELOPMENT







**better** connections  
**better** mobility  
**better** access

over **6,700** households ○  
over **1,000** low-  
moderate income units



○ RISD Art Museum = **150,000**  
annual attendance  
  
Children's Museum = **167,000** annual  
attendance

○ **45,000** people passing  
daily though Kennedy  
Plaza

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

Nearly **50,000** employees ○  
**1,300** + businesses



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

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

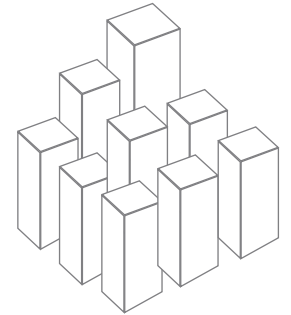




{ **more** clean air  
**more** energy efficiency  
**more** transit-oriented development

## INCREASE IN TOD TO REDUCE AUTODEPENDENCY

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



## DECREASE IN OIL CONSUMPTION

Streetcars will be electrically-powered, lessening fossil fuel usage



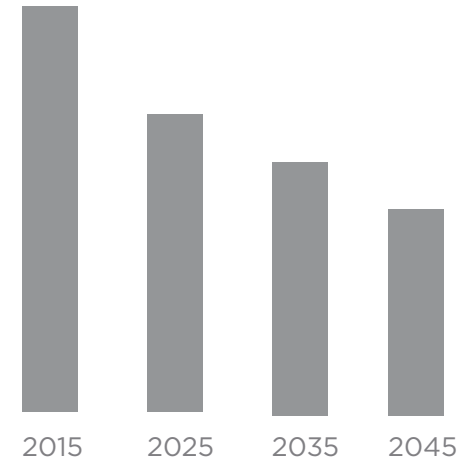
## DECREASE IN TOTAL # OF TRIPS

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 CO<sub>2</sub> EMISSIONS BY **1,400 TONS** OVER THE FIRST 30 YEARS

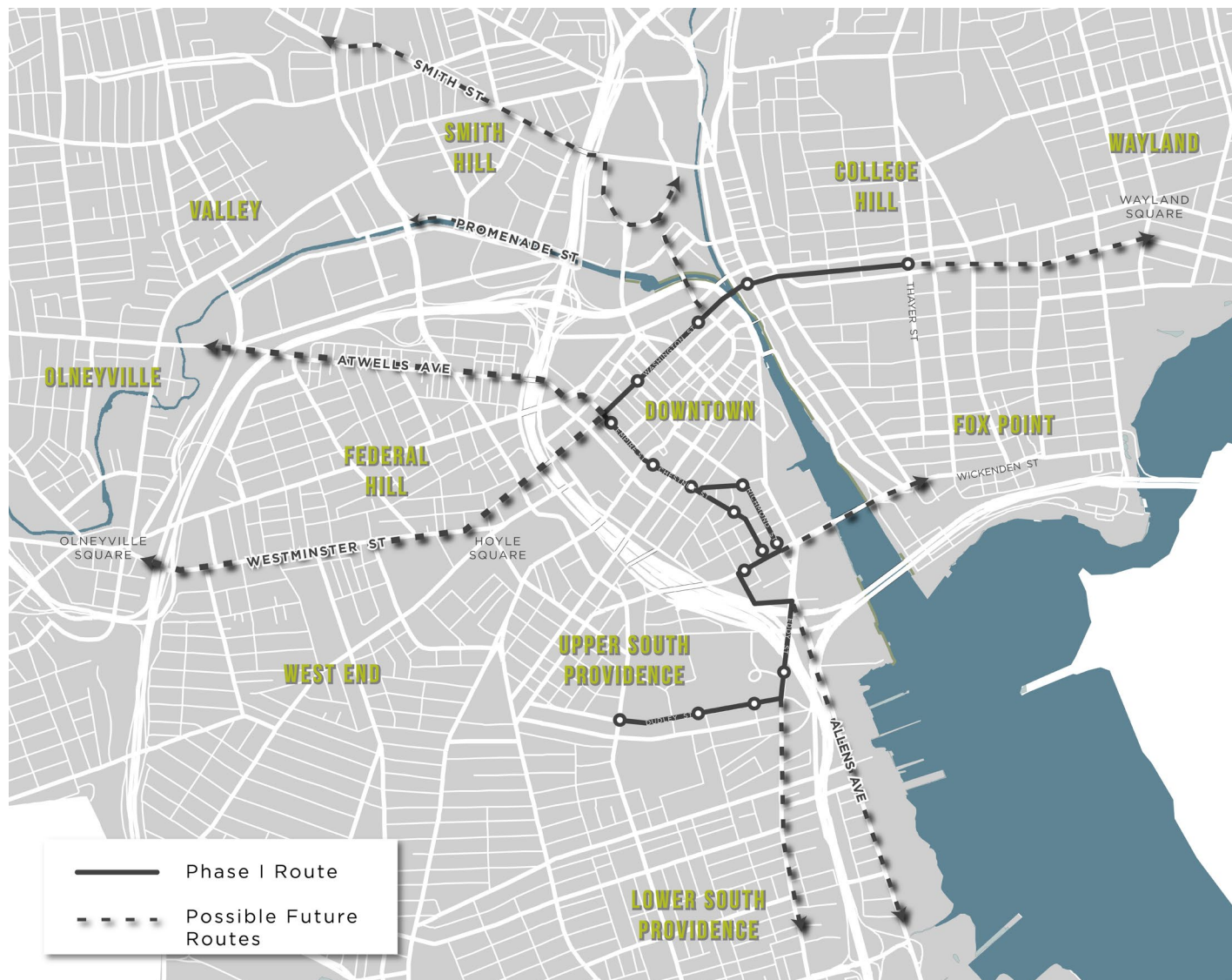


“TIGER PROJECTS ARE THE **BEST** ARGUMENT FOR INVESTMENT IN OUR TRANSPORTATION INFRASTRUCTURE. TOGETHER, THEY SUPPORT PRESIDENT OBAMA’S CALL TO ENSURE A **STRONGER TRANSPORTATION SYSTEM** FOR FUTURE GENERATIONS BY REPAIRING EXISTING INFRASTRUCTURE, **CONNECTING** PEOPLE TO NEW **JOBS** AND **OPPORTUNITIES**,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

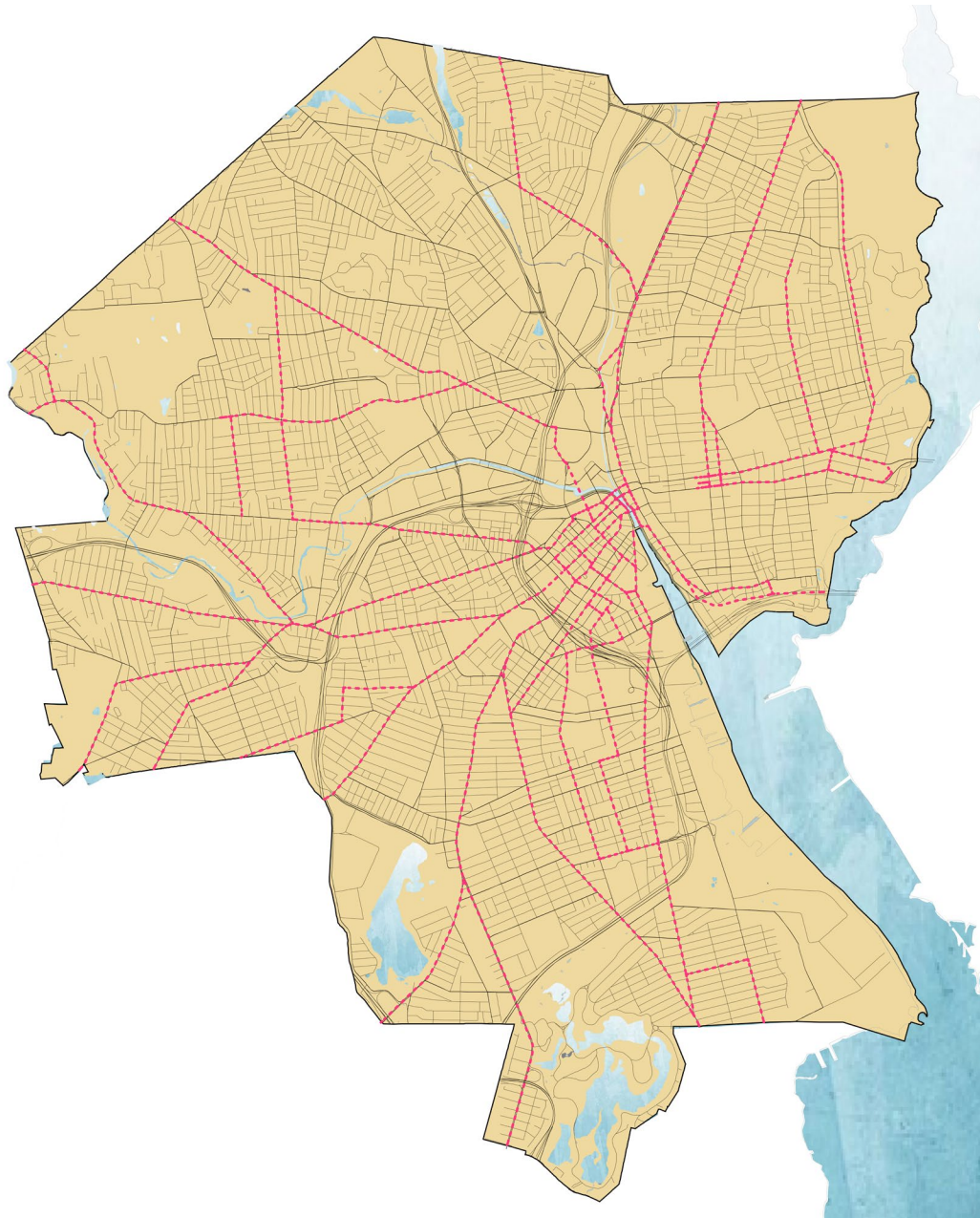
- Anthony Foxx, U.S. Secretary of Transportation



## POTENTIAL FUTURE STREETCAR EXTENSIONS



## ORIGINAL PROVIDENCE STREETCAR



## HISTORIC ELECTRIC RAILWAYS

CITY OF PROVIDENCE  
1937 ATLAS



STREETCAR LINES AROUND THE COUNTRY







**PROVIDENCE STREETCAR**