

Broad Street BRT Project

Commonwealth Transportation Board

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A Better Transit Service for the Greater Richmond Region

Bus Rapid Transit (BRT) is an integrated system of facilities, equipment, services and amenities that improve the ***speed***, ***reliability*** and ***identity*** of bus transit

Broad Street BRT Project Partners



TIGER Funding (50%)
Project Oversight



Funding Partner (15%)
Design Review/Approval



Owner and Operator
Project Sponsor
Project Management



VDOT
Permitting



Funding Partner (34%)
Project Oversight
Technical Assistance



Funding Partner (1%)
Design Review/Approval

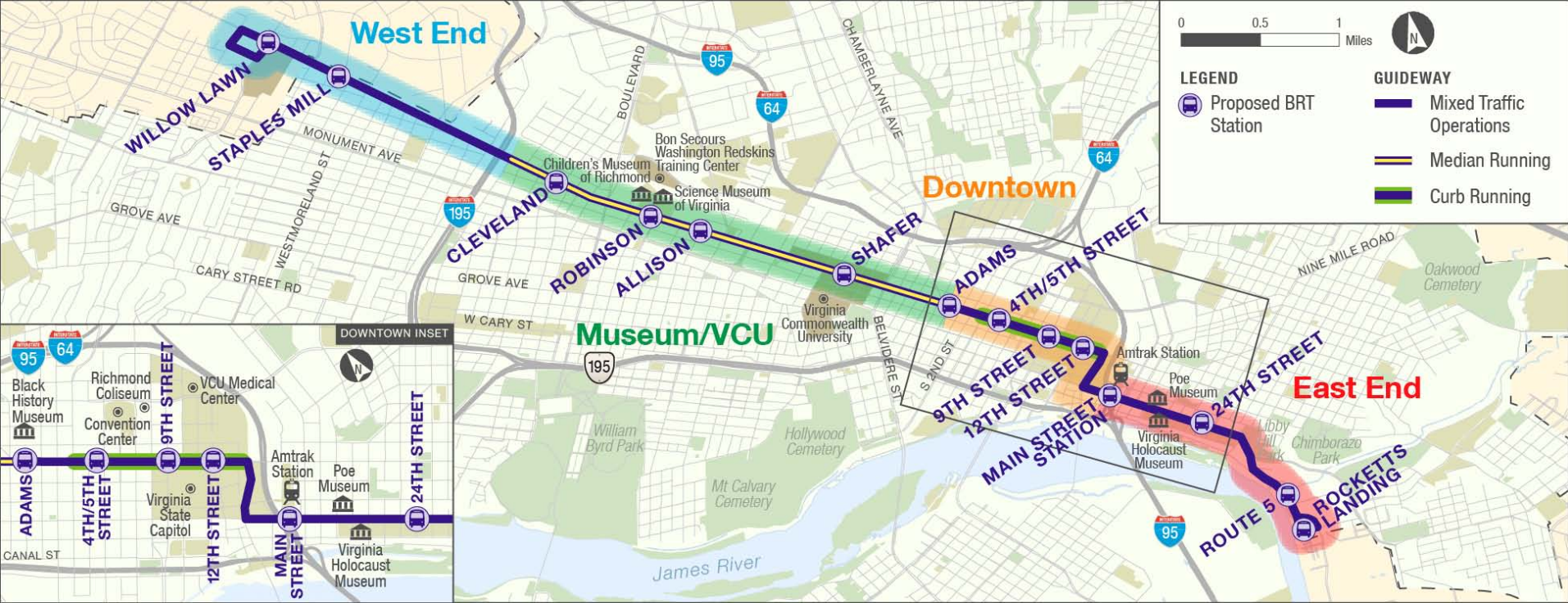
Stakeholder and Public Involvement

Stakeholder Involvement:

- Policy Advisory Committee
- Technical Advisory Committee
- Community Involvement Meetings

Public Involvement:

- Two public meetings were held in January
- Public meetings will be held at key milestones throughout the design, engineering and construction of the project



- **Route length:** 7.6 miles - From Willow Lawn to Rockett's Landing
- **Dedicated bus lanes:** Thompson Street to Adams Street (median lanes) and 4th Street to 14th (curb lanes)
- **14 stations:** 5 center and 9 curbside stations with 4 consolidated stations with local routes

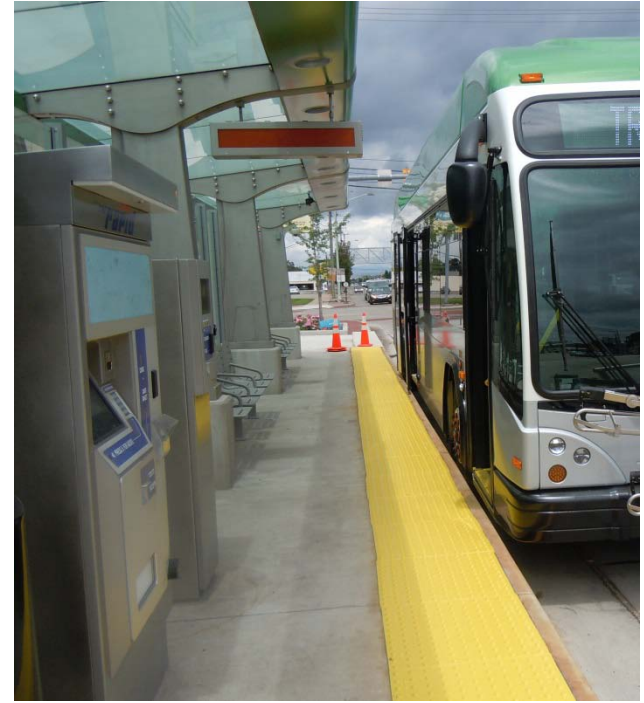
Elements of BRT

- Running ways
- Faster Service
- Stations
- Stylized Vehicles
- Branding
- Technology



BRT Stations

- Different than Bus Stops
- Level Boarding
- Amenities
- Accessibility
- Landscaping
- Security
- Public art



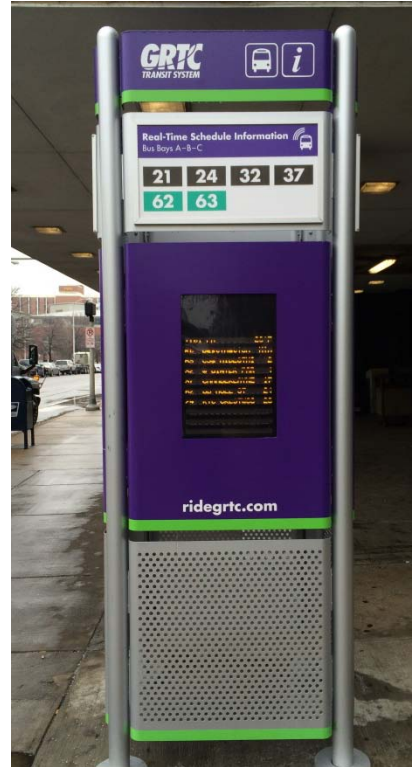
BRT Vehicles

- 40' Low Floor Stylized Buses
- Branding
- Sliding Doors
- Clean Natural Gas (CNG)



BRT Technology

- ***Intelligent Transportation Systems***
 - real-time passenger information,
 - transit signal priority for improved travel times,
 - closed circuit TV for safety and security, and
 - emergency phones
- ***Efficient, off-board fare collection system***



Broad Street BRT Service Plan

Service Hours

- Weekdays: 5:30 am - 11:30 pm
- Weekends: 6:00 am - 11:30 pm

Levels of Service

- 10 minutes (peak) and 15 minutes (off-peak)
- Improved performance: 65% increase in bus speed

Ridership and Fares

- Estimated ridership: 3,000 + daily boardings with 500 **new** daily riders
- Fares: Same as local bus fare (currently \$1.50)

Broad Street BRT Project Benefits

Increases Bus
Speeds by
65%

Reduces Travel
Time by
Up to 40%

Riders who switch
to BRT save
36 Hours
Per Year

New riders save
\$400k
per year in
transportation costs

Total savings for all
riders equals
\$1.5 Million
Per Year

Increases Property
Values by
12% or
\$1.1 Billion
over 20 Years

Increases Property Tax
Revenues by
\$4.9 Million
per year over 20 Years

Reduces Crash
Rates by
Up to 31%

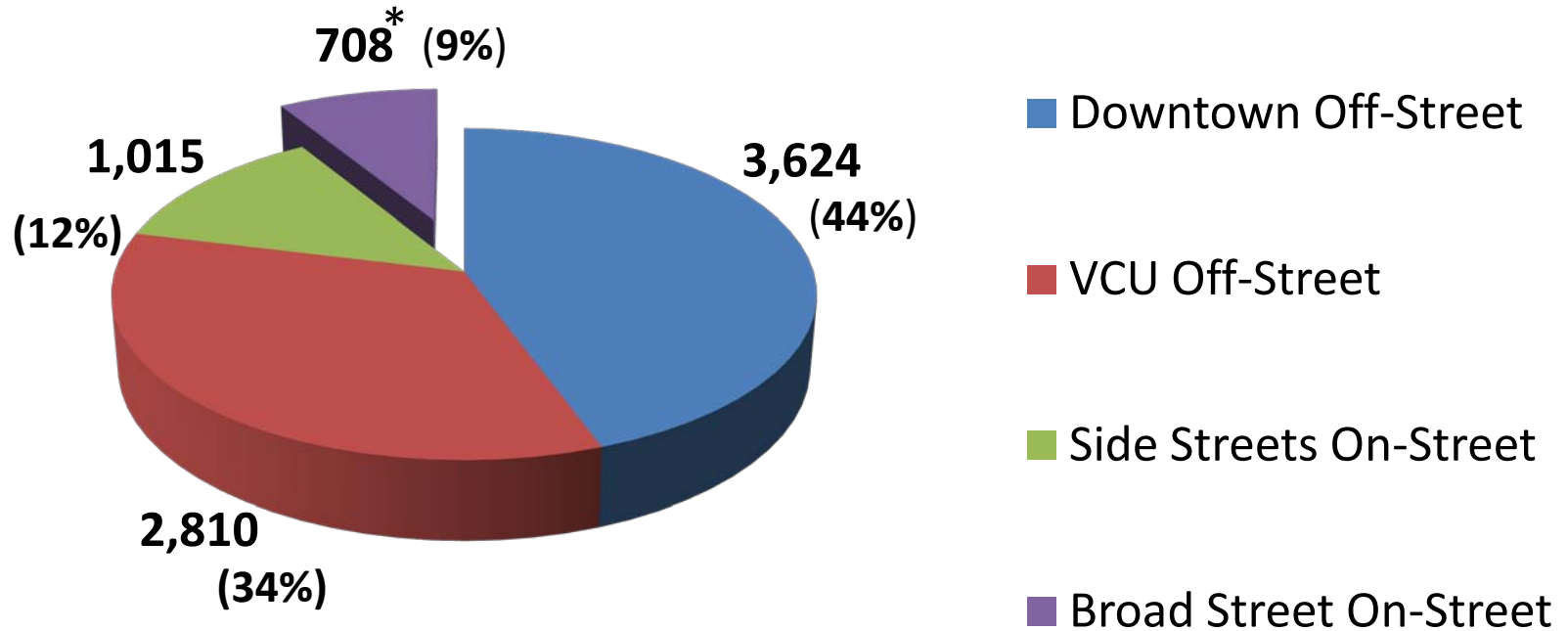
Creates
406 Jobs
during Design and
Construction

Broad Street Parking Mitigation

- Approximately 709 spaces may be removed to accommodate the BRT along Broad Street.
- No on-street parking loss in front of businesses:
 - Between Foushee and 4th Street; and
 - On Main Street between 14th and Rocketts Landing.
- GRTC and the City of Richmond are working with the business owners and residents along the corridor.
- GRTC and the City of Richmond are examining parking mitigation strategies to minimize the loss of on-street parking between Thompson and 14th Street.

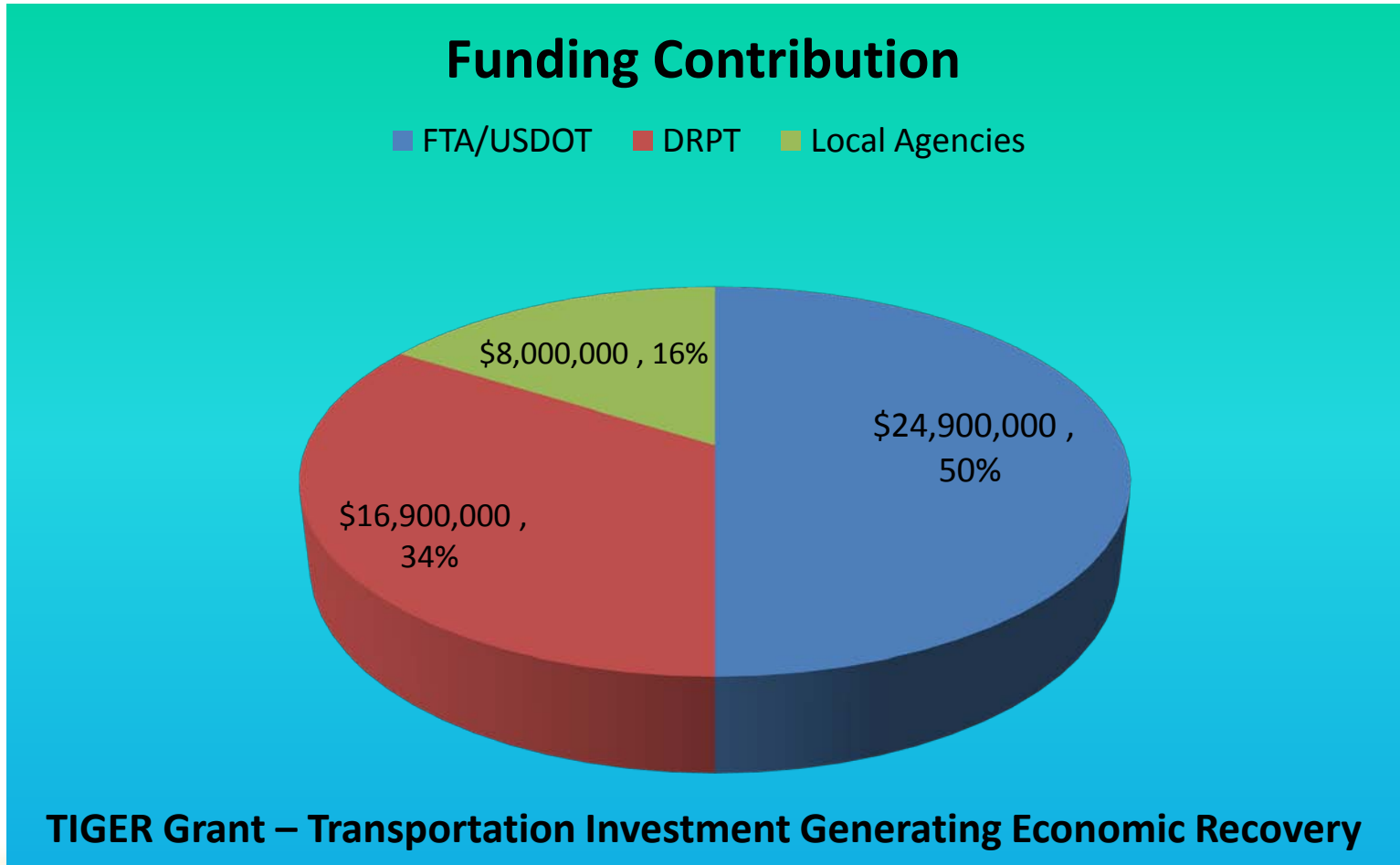
Parking Along The Corridor

Thompson St. to 14th Street



**This number represents the worst-case number of on-street parking spaces to be removed. Depending on final geometric design, as many as 100 of these spaces may be maintained.*

Project Funding: \$49.8 Million



Major Project Milestones

- 9/12/14 - TIGER Grant Award Notification
- 7/31/15 – 30% Design
- 7/31/15 – Construction Manager At Risk Selected
- 4/30/16 – 60% Design
- 9/01/16 – 90% Design
- 9/01/16 – Construction Start
- 10/31/17 – Start of Revenue Operations

Thank You

Questions?