GRTC BUS RAPID TRANSIT
PUBLIC INFORMATION MEETINGS: APRIL 26 & 27, 2016

PEAK EVERY 10 MIN.

ARRIVING 2017

OFF PEAK EVERY 15 MIN.

GRTC PULSE
BUS RAPID TRANSIT

I LOVE RICHMOND

I LOVE HENrico

U.S. Department of Transportation

VDOT - Virginia Department of Transportation

DRPT - Transit System

GRTC - Transit System

Richmond Virginia

Northern Virginia Commission for Transportation Planning, Virginia
Purpose of the Project

• Improve the mobility of transit users
• Develop a more efficient transit system
• Support existing transit-oriented land use
• Support plans to generate new transit oriented development
• Provide an attractive alternative for east-west travel
Project Description

GRTC Pulse is a modern, high quality, high capacity rapid transit system that will serve a 7.6 mile route through the high-density and high-ridership areas along Broad Street to Main Street in the City of Richmond, terminating on the East End at Rocketts Landing and on the West End in Henrico County at Willow Lawn.
Corridor Description

- **Route length:** 7.6 miles on Broad St., 14th St. & Main St.
- **Dedicated Bus Only Lanes:** 3.2 Miles (Thompson to Foushee and 4th St. to 14th St.)
- **14 Station Locations:** 5 median and 9 curbside
Pulse Service

• Minimum Hours of Operation:
  • Weekdays: 5:30 AM – 11:30 PM
  • Weekends: 6:00 AM – 11:30 PM

• Service Frequency:
  • Every 10 Minutes On-Peak
    (7:00 AM – 9:00 AM and 4:00 PM – 6:00 PM)
  • Every 15 Minutes Off-Peak

• Projected Line Travel Time: 29 to 31 Minutes

• Fare: Same As Local Fare (Currently $1.50)

• Estimated Daily Ridership: 3,500
## Project Budget Update

### Fixed Contributions:
- Preliminary Engineering: $4,000,000
- TIGER (FTA/USDOT): $24,900,000
- City of Richmond: $7,600,000
- Henrico County: $400,000

### Fixed Bid
- DB Contract: $47,295,500

### Adjusted Contribution:
- Commonwealth Coverage (number currently being defined through state as the Six-Year Improvement Plan)

### Variable Costs:
- Project Contingency: 5%
- On-Time Completion Incentives (up to $3,250,000)
Where We Are Now

• VDOT Is Project Manager
  – Administers project on behalf of GRTC & partners
  – Completed semi-final design & will oversee final design
  – Manages Design Build construction process

• DB Procurement Process
  – Lane/STV Team awarded the DB contract
  – Lane/STV Team is reviewing contracts now
  – Expect a “Notice To Proceed” soon
Who is Lane Construction Corporation and STV Design?
125 Years as the Premier Transportation Contractor

• Ranked as the No. 1 Highway Contractor (ENR) for the third year in a row.
• Lane is one of America's leading heavy civil construction companies.
• Specializes in highways, bridges, mass transit and airport systems, as well as the power and energy sector.
STV is a leading, award-winning professional firm offering engineering, architectural, planning, environmental and construction management services.

Consistently ranks among the country's top 25 firms in education, corrections, highways, bridges, rail and mass transit.

Provides planning, environmental, design, program and construction management, and specialty services for the transportation, design-build, institutional and commercial building, advanced technology, industrial and defense markets.
Alexandria BRT Project

Example of traffic signal
Alexandria BRT Station

Example of glass wind screens
Route 1 BRT

Reduction of utility impacts
CATS Blue Line

Example of Art-in-Transit
San Diego Bus Rapid Transit

Example of Transit Signal Priority Equipment
Notable Awards

• Public Outreach
  – VDOT & Megaprojects, Commonwealth of Virginia Award of Excellence

• Integrated Communication and the Construction Management Association of America 2013 Project Achievement Award
Construction Timeline

- DB Final Design: May 2016 – August 2016
- Construction Activities Begin: September 2016
- Construction Complete: August 2017
- Pulse Operations Begin: October 2017
Community Engagement

• Weekly e-blast updates.
• In-person, door to door business outreach.
• In-person rider engagement on GRTC buses and at the Temporary Transfer Plaza.
• Monthly construction updates to the neighborhoods and businesses associations along the corridor.
40-Foot BRT Plus CNG
ARRIVING OCTOBER 2017!
Transit choices to connect our city.

Presentation will begin at 6:30pm.
City of Richmond
Transit Network Plan Overview

Project Lead:
• City of Richmond will lead the development of the Richmond Transit Network Plan

Project Partners:
• GRTC will work in close collaboration with the planning team to examine existing service and develop recommendations

• Office of Intermodal Planning and Investment (OIPI): Sponsoring the study with funding and consultant services
City of Richmond
Transit Network Plan Overview

Lorna Parkins and Scudder Wagg

Jarrett Walker and Michelle Poyourow
Why a Transit Network Plan for Richmond?

• Ensure local route connections to the BRT stations to create a complete network.
• Seek public and stakeholder input on desires for public transportation within the City of Richmond
• Develop a “blueprint” for the City’s transit system.
• Ensure we are supporting existing and future land use patterns and economic development strategies.
How will we plan for transit in Richmond?

Thorough analysis of existing transit service and existing conditions

Highly interactive stakeholder and public outreach process
  ◦ Stakeholder Committee of 40-50 members
  ◦ Three phases of Stakeholder and Public Outreach
  ◦ Four meetings across the city at each phase
  ◦ Total of 12 public meetings

Regular briefings to City Council and GRTC Board
  ◦ Identify areas of critical decision-making and request elected official input

Educate and engage to ensure thoughtful consideration of the consequences of different transit choices
Public Outreach

- Website with survey: www.richmondtransitnetwork.com
- Interactive public meetings (12 total meetings)
- Educational and informative videos.
City of Richmond Transit Network Plan

Recommendations in Phases

1. Near-Term: Immediate changes to align with BRT opening in October 2017
   ◦ Ensure seamless connections between local bus service and the BRT.
   ◦ Ensure cost neutral restructuring and/or modifications are made.

   ◦ Recommendations for system improvements and possible expansion of transit service
   ◦ Dovetail with regional transit service recommendations from the Richmond Regional Transit Vision Plan that is being developed by the Department of Rail and Public Transportation.

3. Long-Range Improvements 2025 and beyond
   ◦ Possible improvements or expansions beyond the 2025 timeframe.
   ◦ May include expansion of BRT, express bus, and increased local route service to support the higher capacity transit network.
City of Richmond Transit Network Plan “Next Steps”

April-May: Phase 1 stakeholder and public outreach meetings
  • May 3rd 2003 West Broad Street DMV 6:00 – 8:00 with presentation at 6:30
  • May 4th Main Public Library at 101 East Franklin Street 12:00 – 2:00 presentation at 12:30

May: Choices Report Published, Conceptual Alternatives Development

June-August: Phase 2 Stakeholder and Public Outreach

September-October: Draft Network Plan Development

November-December: Draft Network Plan Release and Phase 3 Stakeholder and Public Outreach

January 2017: Final Network Plan and Implementation Plan Published
Thank You!

Stay in Touch with the Plan

www.richmondtransitnetwork.com

Facebook: Richmond Transit Network Plan

Twitter: @RichmondTNP

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